THE NEW

FLORIDA SKIP

VOL. 32 NO. 1 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION September 1988 75 CENTS

WORKING M.W.O.P.

By John Marich, K4SGR

Around 1959 or 1960 there was an article in QST entitled "Working WOP" (Without Owners Permission). As I remember it, it concerned a ham who had his radio installed in a house where ham radio was prohibited and the subterfuge associated with the installation and operation of said radio.

I was already doing him one better, but had I tried to publish it then I would have been out of the radio business in both the Ford and in the shack!

Well, the Ford's gone. So are Mom and Dad. I suppose the story can finally be told at last.

One of the things I remember about Daddy was him talking about some day having a "new" car. We had a car — a 15-year-old Plymouth. But he always wanted, just once in his lifetime, to go to the dealer and drive out with a factory-fresh new car and to "smell the paint burn off the manifold." In 1958 it happened. A brand new Ford Custom. Mom and Dad were proud of that car! I, however, could envision antennas sprouting from the ample rear deck.

Obviously, Ford Motor Company had ham radio in mind when they designed the vehicle. But the mere mention of installing a rig in the car was completely out of the question.

The solution was obvious, I would just install a radio without their knowledge! Months of planning, and installation went into the operation. With the assistance of my neighbor, Lou Goldstein, K4LAN the plan and the rig took shape.

The receiver was easy. A crystal converter, installed way up under the dash feeding into the car radio. (Remember these were A.M. days.) The transmitter was not as easy. A Globe Scout — never intended for mobile use — was temporarily put into the back seat with a dynamotor in the trunk with all connecting cables hidden under the seat and pulled out for clandestine use. The antenna was military surplus in sections about 12" long and on a homemade aluminum base with wing nuts which could be secured to the bumper at a moment's notice. An extra battery tapped at center for the six-volt filaments and dynamotor power was put into the trunk for each use.

QSY back page

COMING EVENTS

Melbourne Hamfest, Sept. 10 & 11th
Palm Beach Hamfest, Oct. 15 & 16th
Tampa S. FL Reg. Conv. Nov. 19-20
Fort Meyers Hamfest, Jan. 21, 1989
Citrus Co. Hamfest, Jan. 28, 1989
Sarasota Hamfest, Feb. 18 & 19th
Brooksville Hamfest, Feb. 25th
Martin Co. Hamfest Sat. Feb. 25
Miami Hamboree, Feb. 4 & 5th
Nothing from Orlando. Please send your event days early. TKS Editor

L to R: Igor, UT4UX, author Elliot WA4YDK of Miami, Nick RT4UA and Reisa XYL RT4UX, in Kiev, U.S.S. R.

MY RUSSIAN TRIP

A Special To Florida Skip
With Our Sincere Thanks!

By Elliot Kleiman, WA4YDK
4701 McKinley Street, Hollywood, FL 33021

A vacation to Russia. Why? Why not? It would be interesting and very different. We selected a tour that would take us to Moscow, Kiev, Yalta and Leningrad for two weeks beginning July 9th. We reserved Moscow and Leningrad for visits with refuseniks leaving Kiev and Yalta for eyeball QSO's. I didn't want to cause any problems for the hams by seeing them and refuseniks in the same city.

I used the Russian from VK3ST's article in the June 1984 C.Q. magazine to make my QSO's. It was truly appreciated. Try it and see for yourselves. My first eyeball QSO would be in Kiev with UT4UX, Igor. He didn't have a phone and he was not permitted to give me his home address on the air, but told me to write to his good friend RT4UA, Nick, who had a phone and whose address was in the call book. I also set up a meeting with RB5JZ, Stan in Belogorsk, a two-hour drive from Yalta. I worked UA6LA, Victor in Rostov — Don. The last time I was in contact with him was in 1984 when he sent me some books on the Russian language and a New Year's greeting card (all in Russian). Although 600km from Moscow he said he would try to fly there or to Leningrad to see me. He called us in Leningrad to apologize that there were no plane tickets available.

By the way, I also worked RB5JZ from my bicycle mobile.

We were thoroughly searched upon our arrival. Everything came out of our suitcases. They squeezed each cigarette pack, read every piece of paper and tapped on the bags to test for secret compartments. It was a random thing and we were the "lucky" ones. After reading the post card from UA6LA, they decided to let us go on.

Nick and Igor met us in front of our hotel and we went back to Igor's flat to socialize. It was easy to recognize them, because Igor was wearing a baseball cap with UT4UX on it. He lives in a 14-story building on top of which is his antenna farm. The flat consisted of one room about 10 by 12, a kitchen, bathroom and entry area. It was very neat and clean. Igor's shack was quite compact, basically in what might have been a closet. Nick had a similar setup, but they

QSY back page top.

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.
(See advertising rates in Hambar Section)

SILENT KEYS

WE are deeply sorry to report the follow Silent Keys. May they R.I.P. If you hear of any S/Ks in your area kindly as Ye Editor.

W4JL	Jim Dixon	Jax/Boonton, IA
K4WYK	Charles Champagne	Crestville, FL
W4JMU	Wayne D. Carpenter	DeLand
K4HQJ	Al Hubbard	Ft. Myers
K4RKY	Pete Ralph Peters	Seminole
K4JNC ex W8ATB	Esther Stuewe	Seminole
W4CJ	Tom Graves	Miami
W2CRW	Irving Gallagher	Sun City Center
W4AND	Ellis E. Royal	Jacksonville Bch
AB4G	John Lyndon	Merritt Island
K4HPE	Bill Rosewarne	St. Petersburg
K4JBL	Stanley Kahn	St. Petersburg
WD4JSL	Clyde Cates	Miami
WA4ESS	Eleanor G. Wolf	Ft. Pierce
K4LFZ	Arthur Kunkel	Summerfield
W4MKC	W. Earl Quay	Cape Coral
W4NXI	Leo Friedman	Ft. Lauderdale
K4RX	Fred Armes	Dunnellon
K4TNB	Bill McKinley	Gainesville
KA4ZPB	Joseph Perrine	Winter Haven

NOTICE!!!

When submitting articles typed on personal computers (PC's) PLEASE MAKE CERTAIN RIBBON PRINTS BLACK, NOT GRAY. It is extremely difficult for typesetter to read, almost impossible.

Thanks, Ye Ed

NEW 440 MHZ REPEATER MAP

After much delay and hard work, Florida Skip now has a 440 MHz MAP listing all Repeaters in Florida! The map editor, Harlin Cohn, W4UIM in Miami did a very nice job on this map. It is much like our 2 Meter Map except it is printed on light green paper. You will be amazed at the number of 440 Repeaters Florida now has! I was! The price is the same as our 2 Meter Map, 25 cents each with your self-addressed stamped envelope. (Don't forget the stamp!) To: 440 Map, Box 501, Miami Springs, FL 33266. (Note: The 2 and 440 Maps will go in one envelope for 22 cents postage.)

TO THE EDITOR

Dear Andy:

Recently I've been somewhat perplexed. It seems that the older I get the sooner I forget something. I've been wondering around in a daze. I knew something was wrong but couldn't quite put my finger on the problem. Well lo and behold it finally struck me . . . my **Florida Skip** subscription had run out. Wow how something like that can happen is beyond me.

But then maybe its not my fault. It must be your fault Andy. How can you let something like this happen to a nice guy like me? Anyway, if its money you need here is a check for two more years. Now may I have my **Skip** back "please, please, please." I promise never to mention your name in vain again.

Thank you old grand wizard . . .

Sincerely,
Joseph P. Rubino, WA4MMD
606 Cocoa Isles Boulevard
Cocoa Beach, FL 32931

P.S.: QST listed me as WA4MMO but you and I know its really WA4MMD "D" like in "dammit."

(Editor's Note: Joe, I won't tell — if you don't! — AC)

Dear Andy:

Why do you continue to allow "Maxcom" to advertise a proven worthless product in the **Florida Skip**. Where is your integrity? I'm sure you know what the "ARRL" lab thinks about this product — as well as many amateur operators who purchased this unit.

73,
R.W. Pearce, WB4VBL
9705 SOuth Indian River Drive
Ft. Pierce, Florida 34982

(Editor's Note: See full page Maxcom elsewhere!)

Dear Andy:

Please advise that a W5YI coordinated amateur radio examination has been organized in Hialeah. The location is 700 East 25th Street, across from the Hialeah Hospital every third Saturday of the month starting at 8:00 p.m.

Because of space limitations pre-registration is encouraged in order to reserve a space for the candidate. The FCC forms and fee ($4.55) can be mailed to: Francisco Prada/V.E., P.O. Box 3576, Hialeah, Florida 33013. I can also be located between 7:00 p.m. to 9:00 p.m. at (305) 829-0602 — for additional information.

The dates available during this year are: September 17th, October 15th, November 19th and December 17th.

Thanks for your cooperation.

Francisco Prada, KP4EDL/4

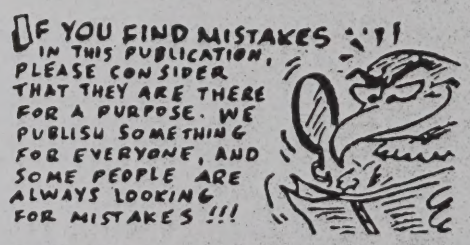
Dear Andy:

I have recently had occasion to deal with one of your advertisers. And what a pleasure it has been to do business with Bob and Joe at Southern Technologies!

Southern Technologies has captured the "old time" ham radio shop aura, gret ham talk and equipment to operate. Bob and Joe have gone far beyond what anyone could expect in dealing with a ham radio shop. I, along with my son Marty, KB4RPI, are treated and regarded as not only customers, but friends. We feel welcomed with every visit in spite of my never-ending questions.

I salute Southern Technologies for bringing back to live the concept of the neighborhood ham radio shop, a job well done!

Sincerely,
Alan E. Wolfe, WB4DYU
12421 S.W. 106th Street
Miami, Florida 33186



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AMATEUR RADIO GETS TO SUMMER SCHOOL

In the July issue you read of the many exciting experiences amateur radio is providing the students at Royal Palm Elementary School (4200 S.W. 112th Court, Miami, FL 33165). Music instructor and Ham Radio Club Sponsor Alan Wolfe, WB4DYU, tells us that the summer school Ham Radio Club is as active as the solar flux! In fact, it seems that some students attend school so that they can participate in the radio club.

On June 16th, thanks in part to past **Skip** articles, a full page article and photo appeared in the "Miami Herald" titled "Class Uses Mateur Radio to Bridge the Culture Gap." The article detailed several QSO's in which the students participated, as well as their reactions and the educational benefits derived. The article was a very positive look at amateur radio and the public schools.

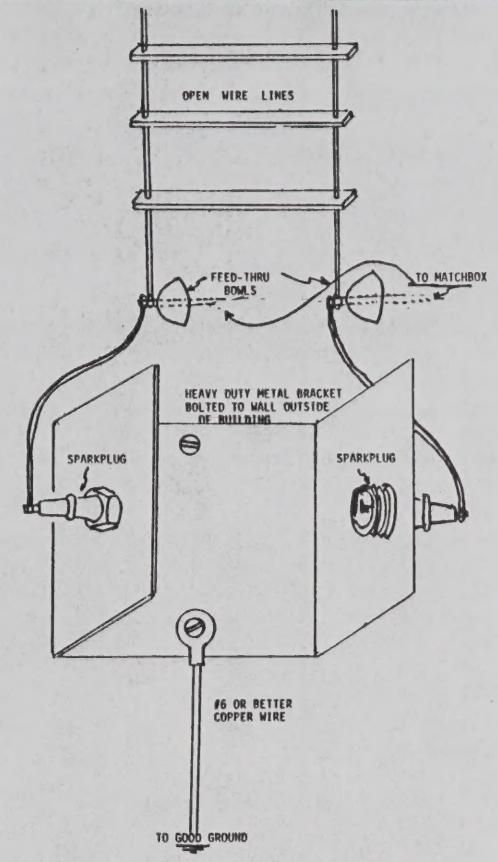
Al reports that on September 23rd he and several students are scheduled to appear on Channel 17's TV program "Something on 17." The 12-15-minute interview will highlight the school's amateur radio activities, its benefits to the students, educationally, and how these activities complement the school's Merit Schools Project Goals. The project for 1987-1988 was the study of the Constitution and U.S. history and the exercise of the freedoms guaranteed under the Constitution.

Royal Palm Elementary, under the guidance of Principal Herb Jacobson, has been awarded the Merit Schools Award for the past three years!

On the D.X. scene WD4DYU reports working new countries with his students. Among them are St. Andres Island HKO, Andorra C30, 4X Israel, Japan and Belize! The students were thrilled to speak with and/or hear these new countries depending on third-party agreements. All were worked on 15 meters. A special thanks is extended to John Mann, N4OLE, for his help with the school antenna.

Anyone wishing to donate equipment to the school, i.e., rig, key, callbooks, etc., should contact Al at (305) 221-7961 or via packet Node HST1 via RPIBBS. Please, all equipment should be in good working condition.

THE OTHER FELLOW IS NOT YEARS OR MILES AHEAD OF YOU BUT PERHAPS JUST A NOSE AHEAD'....TKS W4ELR....



For many year's Ye Ed has been using the above lightening discharge system on his all band open wire center feed dublet. It is very simple and DOES take the static discharge "build ups" to ground before it gets in the shack. Thanks to Ken, KK4WR for drawing it up.

MELBOURNE HAMFEST

SEPT. 10-11, 1988

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PCARS, P.O. Box 1004, Melbourne, FL 32902

TOP TWENTY TRAFFICERS — JULY 1988
By WA4PFK and AA4HT

1.	W3CUL	2,905	11.	KK4WR	220
2.	W3VR	786	12.	KA4FZI	188
3.	K4CY	418	13.	K4ZK	175
4.	WA9VND	341	14.	N4HAP	173
5.	WA4QXT	317	15.	WC4D	165
6.	WA4PFK	316	16.	KB9LT	153
7.	WD4IIO	303	17.	K4SCLE	156
8.	KB4LB	303	18.	WA4RUE	130
9.	N4SS	264	19.	K4IA	117
10.	AA4HT	234	20.	WA4EYU	116

TRAFFIC HOUNDS — JULY, 1988
By K4ZK, STM SOUTH FLORIDA

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MGR	QTC/QNI
QFN	837	13.5	544	8.8	62	KA4FZI	.64
FMTN	1053	33.9	332	10.7	31	N4UF	.31
FPTN	1449	46.7	269	8.7	31	WB4WYG	.18
GN	355	10.8	258	8.3	31	N4ET	.77
SVTN	592	19.1	218	7.0	31	KB4LB	.36
SEFTN	1029	33.2	202	6.5	31	KA4YHS	.19
TPTN	485	16.2	171	5.7	30	WB3AVZ	.35
NFPN	1927	64.3	122	4.1	30	AA4QC	.06
SWFTN	665	25.6	109	4.2	26	K4FQU	.16
QFNS	292	9.4	95	3.1	31	KC4FL	.32
FPON	389	12.5	92	3.0	31	WB4GCK	.23
FAST	423	6.8	90	1.4	62	WD4KBW	.21
FMSN	314	10.1	69	2.2	31	N4MML	.21
SPARC	665	21.4	39	1.2	31	KA4CRS	.05
PBTN	292	16.2	17	0.9	18	WA4RUE	.05
DEN	450	112.5	15	3.8	4	N4ORZ	.03
AIN	119	23.8	12	2.4	5	WA4PFK	.10
PRVAN	39	4.8	4	.5	8	WD4KBW	.10
ENMC	57	11.4	0	0.0	5	K4ZK	0.00

FLORIDA C.W. NETS
By Ed, K4IA

Please note that this column was closed July 26th with cooperation from all because of my vacation.

Laura, WA9VND writes: "What a pleasant experience." That's what I had when I checked into the QFN traffic net on Tuesday, July 19th at 7:00 p.m. Net control was Doc who is known as the machine gun of C.W. As I am not able to copy him solid I usually avoid Tuesday. However, I decided to try it again. So I did and when I sent my A.R., I noticed a momentary pause and then Mr. Doc came back and asked my name and QTH. At that point I almost fell off my chair, but I recovered quickly and answered him and I also asked him his call only to make sure it was him.

The crowning point of all was he invited me to come back often! About that time I checked out and found I had a smile on my face. Mr. Doc you made my day. QFN isn't as scary as I always thought and I find them all a great bunch. That Tuesday I felt like a queen, so that makes Doc the king. I remain just plain,

Laura, WA9VND.

FLORIDA TRAFFIC NETS

Local Time	Net Name	Frequency
0700	Florida Phone Traffic Net (FPTN)	3940
0830	Gator Net (GN)	7068
1200	Florida Midday Traffic Net	7247
1700	Tropical Phone Traffic Net (TPTN)	3940
1730	Florida Medium Speed C.W. Net (FMSN)	3651
1800	Florida Amateur Sideband Traffic Net (FAST/E)	3940
1830	Northern Florida Phone Net (NFPN)	3950
1900	QFN The All-Florida C.W. Net (early session)	3651
2000	QFN — Slow-Speed Net (QFNS)	3715
2200	QFN — The All-Florida C.W. Net (late session)	3651
1630	Florida Public Operations Net (FPON)	3908
0900 — Sat.	Florida Packeteers Net (FPN)	3978
0800 — Sat.	ARRL Information Net	3940
0900	Florida Races Net	3990

SUPPORT THE NET OF YOUR CHOICE
(Clip and Save)

Field Day, June 26, 1988 the Radio Club de Cuba en Exilo celeberated their 60th Anniversity. Officers: Top KA4RJK, VP, WB4TOJ, Pres, KI4HM Dir. & KB4AJM Treas. Bot. L to R: WD4RXD Vile Treas. N4JYF, Sec., KP4DRZ, Dir & JP4eex Dir. Congratulations on a outstanding 60 tears ! (Skip Photo.)

QFNS NEWS FROM JOHN, KC4FL: The report so far — QNI 220, QTC 70, QND 592, sessions 23 for about three messages a day. Stations with 90% or more attendance were: WC4D, KC4FL, KA4FZI, N4MML, WA4PFK, KA4SIH and WA9VND. More next month, see us on 3715 at 8 p.m.

73, John, KC4FL, Manager QFNS

GATOR NET NOTES FROM DON, N4ET: In response to my query about the use of "arf" when signing I received a nice note from Dean, W8IM in Leesburg. He sent along a copy of his Certificate of Membership of the Royal Order of Arfers Traffic Hounds Morning Watch. It is dated 13 December 1963 and was signed by W4RHA. Did that activity evolve into Gator Net? I didn't become a member until 1969 and it was GN then.

Harris, WA4JDH had a stint in the hospital undergoing a left leg by-pass but he was back operating that bug from a wheelcheir and it wasn't hampering his style any. Good to have you back Harris.

Conditions were not very good on 40 meters during July so we went back to 3651 on August 1st with 7068 as a secondary frequency. So if you don't hear us on one frequency try the other.

I promised the statistics for July '87 to June so here they are: there were 3,924 check-ins averaging 10.7 per session; 3,225 messages averaging 8.8 per session; and taking 6,781 minutes to average on 18.5 minute session. Come join us on 3651 at 0830.

73, Don, N4ET, GN Manager

QFN MANAGER MISS PHIL WRITES: QFN is moving right along. Since I am writing this on July 17th, I don't have the July stats yet. I'm sure that with winter members up North, vacations and no holidays, our traffic count will be down, but the faithful still support the net with QNI's. Stations with at least 10 QNI in 17 days are: AA4BN, WC4D, WA4EIC, WT4F, KA4FZI, WX4H, AA4HT, K4IA, W8IM, W4KIX, KB9LT, WA4PFK, N4SS, W3TLV, WV5Z, and K4ZK. QFNS graduates: AB4BC, AB4EC, KC4FL, and WA9VND are fitting in now and will help in Coral Springs, Jax, Tampa, and Deerfield Beach.

WD4KBW is our new FAST late rep on Thursday nights. I'd like to hear from other multi-mode ops who can make the late FAST session and help clear incoming 4RN and RN5 traffic. WT4F has agreed to be a "utility" as late session NCS or RN5 since he is usually on frequency and able to fill either spot. KB9LT and N4KFU have graciously volunteered to sub. Many thanks to them and others who are filling in this month: WC4D, WX4H, AA4HT, W4NFK, N4SS, and K4ZK. WV5Z is our new RN5 rep on Mondays — old territory for Kevin. KA4SIH, already a great-grandpop to two girls, added a boy to the list this month. Congrats, Willard.

ASSIGNED QFN POSITIONS

	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
NCS	IA/4H	K4ZK	WA4HDH	K4SCL	KA4FZI	W4NFK	WA4PFK
4RN	AA4BN	K4SCL	AA4HT	W4NFK	WX4H	WX4H	K4IA
RN5	LT/PFK	WV5z	N4SS	W4KIX	K4IA	K4ZK	FZI/___

K4ZK informs us that our official QFN alternate frequency is 7061 KHz. If band conditions force the net to 40 meters, scout around the 7061 frequency.

73/88, Phil, KA4FZI, Manager QFN

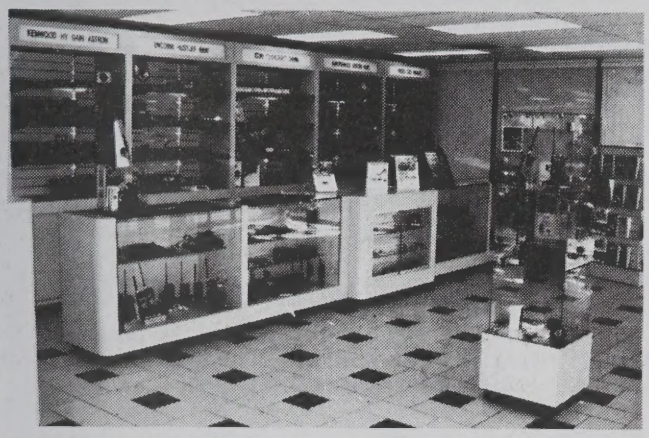
WA4HDH, DOC THE QFN HISTORY COMPILER WRITES: I am pleased to announce that I have finished. I have gone through the year 1985 and since my bulletins have virtually dried up, I thought I'd better stop at this point.

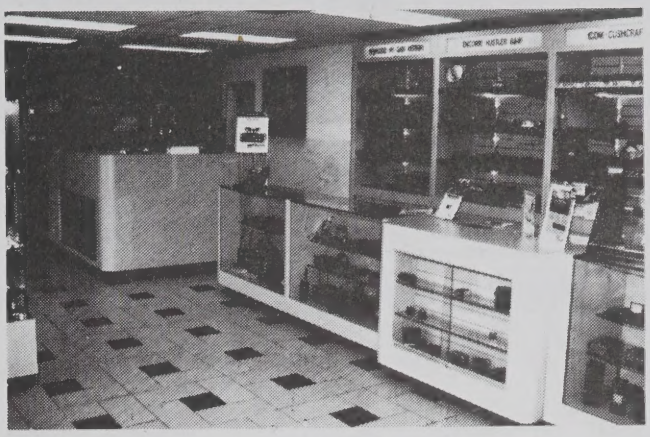
What I need from all the radio amateurs is a card telling me if they want the book so that I can get an idea of demand, since the more we print, the cheaper it gets.

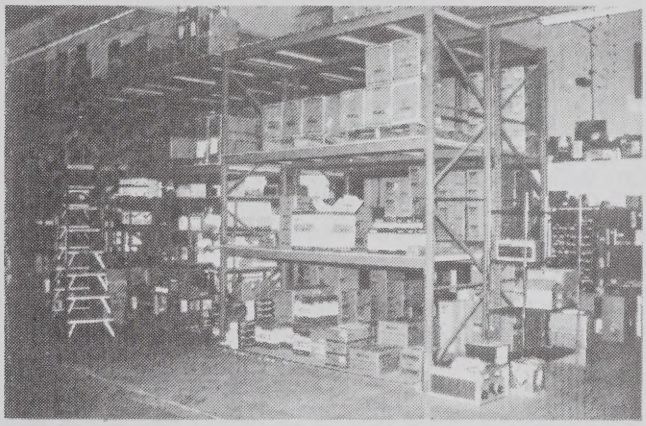
I thought it would be interesting to talk about QFN Roster of April 1963, the first bulletin I have. Not all stations have been included due to the large number. Some of the first to QNI QFN were Lee, W4ATA, who with Jerry, K4UBR started QFN in November 1959. Al, WA4BGW; Big M Mike, WA4BMC; Alan, W4BVE; Jim, K4BY; O.B., W4CNY;

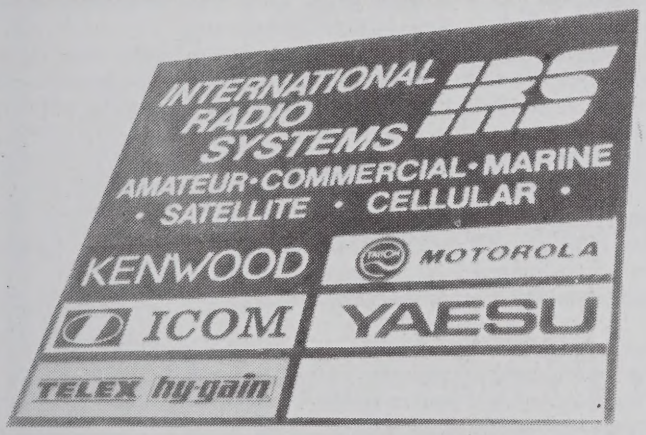
NOTICE TRAFFICERS: Bill, K4ZK 4153 Skyline Dr., Jensen Beach, FL 34957 has FREE list of all FL Trafficers. Send No. 10 S.A.S.E to advress above for your copy.

A PICTURE IS WORTH 10,000 WORDS . . .









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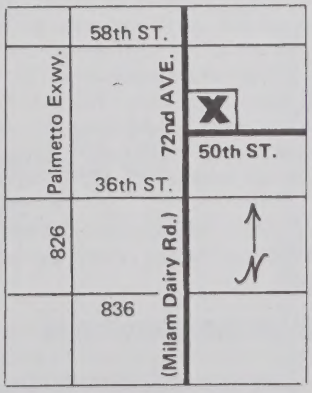


Net NEWS from page 4

Tom, K4COO; plus our own Danny, W4DL who is still active; WA4ECY, the base station from Milton; W4EHW; and Dan, K4EHY also QNI. W4FMA was Don whose help to me was immeasurable, K4FQP from Ruskin, and my old 4RN rep Mac, W4FPC from St. Pete.

Other friends were RN5 rep for many years Mac, WA4IJH; plus Tom, W4IEI; Andy, W4IYT; Jim, K4JWM; Dave, WA4JYB; Herb the QFN manager, K4KDN; Gene, W8LDU; George, W4MLE; K4NVD; K4PVP; and Ham, K4SJH. Clyde, W4SDR; Bill, W4TRS; Fred, W4TUB; Ray, W4VGE; Mike, K4VFY; Jim, K4VND; W4WEB; and Dave, W4WHK whose log books helped me tremendously, K4YPI, W4ZWD, K6SXX, and Hoppy, KW4SHJ of Virginia the great 4RN net manager. All these were active early 1963. Some I knew better than others but most are now silent keys. May they RIP and their finals always run cool.

73, Doc, WA4HDH

FMSN REPORTED BY ALMA, N4MML: This is my 22nd day as FMSN manager — and a new experience for me. I was somewhat apprehensive about accepting the job, but have found that the support offered me by FMSN members was no idle promise. I believe the net could run itself because there are so many who willingly jump in, without being asked, when need arises. My thanks to all of you for that kind of help.

Ken, KA8VLW tells me he is leaving for Michigan August 22nd. We sure will miss you. Good luck, Ken. ONe of our newer members is WA4CSQ, Jim from Plantation. I first heard him on QFNS and have been very impressed with how quickly he's learning traffic handling. Jim and his XYL, Mary Lou came to Florida from the Chicago area in 1972 and they have five children and five grandchildren. He also became a ham in 1972, is active in Air Force MARS, two meters and SSB. He says he's enjoying traffic nets now which also gives him more C.W. practice as he is determined to go for extra one of these days.

Come join us daily at 1730 on 3651. We have many experienced and capable operators ready to take your traffic for delivery or relay to QFN or other nets.

73/88, Alma, N4MML, Manager FMSN

FLORIDA PHONE TRAFFIC NET

By Bill, WB4WYG

As to be expected the check-in for the month of July have dropped to 46.7 per session. Have found that many of the regulars are off on vacation and traveling around the country. Miss Ginger, WB4SOU has returned from her home stamping grounds of Louisiana and Mississippi . . . Miss Evelyn is now in Ft. Myers Beach . . . W4SME is in the northwest part of the United States . . . WA4EIC has just returned from his home state of Kentucky . . . WB4ZVD is out in the hot midwest but checks in daily. Dennis, KB4MON has visited the New England states, and on his return has picked up on net control duties, thus filling in a blank spot due to vacations. Your net manager sure does thank all of those that have done double duty when the regular net control has been traveling.

Total stations checking in for July was 1,449 — a very respectable figure for a net that meets at 7:00 a.m. Liaison stations do deserve a pat on the back for the work that they have carried on so faithfully. Additional figures show that 51% of the roster have 80% or better daily attendance.

Hope to see those of the net that live in the northern part of the state at the Jacksonville Hamfest and the Melbourne Hamfest in early September will have a chance to attend the FPTN luncheon meeting at that time. So if we miss you in Jacksonville, sure hope to see "you-all" at onr or the other.

The net meets at 7:00 a.m. on 3940 every day — come and meet the gang and enjoy handling traffic.

ATTENTION ALL TRAFFICKERS

The following written QNC is directed to all amateur radio operators:

The history of QFN from its onset in November 1959 to the end of December 1985 is now finished and awaiting publication. This 150- to 200-page document relates stories, events and statistical information covering QFN and its activities.

Net statistics where available, call signs, activity of stations, region rep. activity, net control activity, "Who's Who," and the many facets of effort, philosophy, activity and C.W. net concepts are discussed by the many managers of the net.

I need you all to send me a post card if you are interested in buying a copy when published. This information will be used as a guide to determine cost. The more books published the less expensive the cost. Send your cards to Doc Kagan, WA4HDH, 1362 Plumosa Drive, Fort Myers, Florida 33901. I can not even tell you an estimated cost until I get the approximate number of books to print.

Out of state stations please send me your cards also. Once I receive the cards, and order the books, there will be no further printing.

A TEENAGE GIRL WAS TALKING TO A FRIEND ABOUT A NEW POP SINGER SHE'D ..HEARD' "I KNOW HE'S GOING TO BE A BIG STAR, SHE SAID CONFIDENTLY. "MY FATHER CAN'T STAND HIM ..... W4ZZG.

AL SUHR, WB4AID

By John J. Lopinot

It is with great sadness that I must report the death of Alfred R. Suhr, WB4AID on June 22, 1988.

Al died aboard the yacht "Amigo" while on a tour with me and Pine Jog Expeditions to Ecuador and the Galapagos. We had been in the Galapagos for two days when he suddenly died of a heart attack. Many of you attended the memorial service for him last week. As a friend and photographer he will sorely be missed.

Members of the expedition established a memorial in Al's name at the Charles Darwin Research Station in the Galapagos. The money will be used to preserve and protect the animals and the islands which Al had grown to love. If you are interested in contributing, the address is as follows: Mr. Humberto Ochoa, Superintendent, Galapagos National Park Service, Isla Santa Cruz, Galapagos, Ecuador.

On Wednesday, June 22, 1988, Pine Jog's Expedition to Ecuador and the Galapagos Islands was aboard "Amigo I" yacht. We were anchored in Darwin Bay, Isla Genovesa (Tower Island).

We had been ashore in the morning photographing birds and geological formations. Around 11:30 a.m. the group returned to the boat for lunch.

After lunch, around 12:45 p.m., the group broke up and everyone returned to their cabin or the deck to prepare for the next excursion to shore. I shared a cabin with Alfred Suhr (cabin number one).

I entered the cabin about one minute before Al, and I was busy preparing my cameras for our next trip. I heard Al enter the room and heard him fall down. I thought he had tripped.

I shouted, "Al, are you okay?" I got no response. Next, I gently shook him — and again got no response. I immediately called out for Nila Wilbur — whom I knew was a medical doctor. She and Ronald Freindries came running to our cabin. The three of us immediately started doing CPR on Al — but we didn't get any response from him. We were joined by another of our group, Esther Orr, and she helped us do CPR for about 90 minutes.

The crew of the "Amigo" started sailing for Port Ayora, on Santa Cruz as soon as we started the CPR. We got in contact with an Ecuadorian doctor in Santa Cruz — and after 90 minutes of CPR with no response, he gave us permission to stop.

(**Editor's Note**: Al was also very active in traffic nets. He was net manager for the Florida Mid-day Traffic Net for years. He also was a very faithful **Florida Skip** traffic correspondent and we all miss Al Suhr!)

FORGET

By Arthur Ornstein

Forget the hasty unkind word
Forget the slander you have heard
Forget the quarrel and the cause
Forget the whole affair, because

Forgetting is the only way
Forget the storm of yesterday
Forget the knocker and the sneak
Forget the bad day of the week

Forget you're not a millionaire
Forget the grey streaks in your hair
Forget to even get the blues
But don't forget to pay your dues.

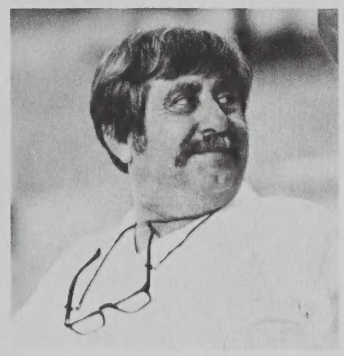
". . .Mr. Harris, you shouldn't take it like this. A little more code practice and I'm sure you'll pass the test. . ."

DADE NOVICE CLASS

Another Novice class will be offered Aug. 30. 1988 by Harry Pilafian, W4SQG. These classes are offered under the Dade County Adult Education Division and have been held continously for over 25 years. Call Harry for more information at 271-2512. ALSO don't forget weekly code practice sessions held Monday and Fridays 8-9 P.M. on the 146.76 Coral Gables repeater. Monday speeds are 5-13 WPM and Fridays speeds are 13-20 WPM. Tune in.

ELI'S AMATEUR RADIO, INC.

1351 STATE ROAD 84 • ALLIGATOR ALLEY
FORT LAUDERDALE, FLORIDA 33315



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FORT LAUDERDALE, FL 33315

305 **525-0103** BROWARD

305 **944-3383** DADE

"SE HABLA ESPAÑOL"

QCWA members in Sarasota posed for this photo. L to R: W4OKI Walt Pierson, W8ACE, John Willigy, (Pres). WD4FZT, Bill Hoffman, K8ONV, Mary Ryden (V.P.) , K8OHG, Ken Ryden, W4NWF Bob Bookwalter, K4KEB, Jack Hawkins and W8FKL, Lloyd Pfahler.

AMATEUR CALL SIGN UPDATE

The following is the FCC listing of "just issued" amateur call signs as of July 1.

Group	*A*	*B*	*C*	*D*
	Extra	*Adv.*	*Tech/Gen*	*Novice*
District				
Ø	WKØB	KEØWN	NØJMN	KBØCYK
1	NS1G	KC1KC	N1FVG	KA1SIH
2	WI2D	KE2HU	N2IJP	KB2GAX
3	NQ3T	KD3IJ	N3GIW	KA3TJA
4	AB4IW	KM4DY	N4TFY	KC4GAT
5	AA5GR	KG5LG	N5MUL	KB5GTF
6	AA6JH	KJ6IV	N6SOW	KB6ZBI
7	WQ7F	KF7LM	N7LIA	KB7FIZ
8	WI8F	KE8ST	N8JRE	KB8FEJ
9	NZ9R	KE9LN	N9HPL	KB9BDW
Guam	KH2K	AH2BY	KH2DH	WH2ALQ
Hawaii	**	AH6JC	NH6PS	WH6BZC
Alaska	**	AL7KB	NL7OF	WL7BRV
USVI	KP2Y	KP2BN	NP2CR	WP2AGA
PR	**	KP4PK	WP4PX	WP4IBR

**Indicates all 2 x 1 calls have been issued in the district.

AMATEUR RADIO CLASS

An amateur radio class starts August 30th at Hoover Junior High School in Indialantic. The class includes Morse code, basic electrical theory and amateur radio rules and regulations. Those successfully completing the course will receive the FCC Novice Amateur Radio License. For more information, contact Bill Newkirk, WB9IVR at 724-6183 after 6:00 p.m. in Melbourne.

For your information:

The Novice Class Amateur Radio License includes telephone, teletype and other privileges plus telegraphy traditionally used by amateurs throughout the world. Frequency privileges include shortwave, VHF (very high frequency) and microwave frequencies with up to 200 watts output.

FLORIDA SKIP STOLEN EQUIPMENT HOTLINE

Please call PARAGON TECHNOLOGIES at (305) 238-7226 or write to P.O. Box 163135 Miami, FL 33116 if you have had amateur radio equipment stolen or know the whereabouts of any of the following:

MAKE	MODEL	TYPE	SERIAL NO
AZDEN	PCS-4000	2 M MOBILE	200540
AZDEN	PCS-4000	2 M MOBILE	202660
BIRD	43	WATT METER	111008
BIRD	43	WATT METER	?
CLEGG	FM/DX	?	FN-662
FLORIDA	CUSTOM TAG	LICENSE PLATE	WB4KSD
FLORIDA	CUST TAG W/CAR	'78 GRAN PRIX	KB4AXD
ICOM	MICRO-2AT	2 M HAND-HELD	2280
ICOM	02-AT	2 M HAND-HELD	34872
ICOM	22-S	2 M MOBILE	?
ICOM	28-H	2 M MOBILE	011534
KANTRONICS	TNC-1	PACKETT TNC	49504
KENWOOD	HT-205AT	2 M HAND-HELD	8011004
KENWOOD	SP-100	SPEAKER	?
KENWOOD	TM-211A	2 M MOBILE	5101179
KENWOOD	TM-2550A	2 M MOBILE	6060616
KENWOOD	TS-140	POWER SUPPLY	710010
KENWOOD	TS-130S	HF TRANSCEIVER	1080306
KENWOOD	MC-34	MICROPHONE	?
KENWOOD	TW-4000	2 M/440 MOBILE	3121204
KENWOOD	TW-4000A	2 M/440 MOBILE	6010852
SANTEC	HT-1200	2 M HAND-HELD	100154
TRIPPLITE	40 AMP	DC SUPPLY	?
YAESU	FT-227R	2 M MOBILE	?

O.O. CORNER

By Eric Hogberg, W4TAH-AAC-SF1

If you are having complaints from your neighbors about TVI or phone interference call your local club Local Interference Committee or the Amateur Auxiliary.

If you are experiencing interference from powerlines or cable television call your Local Interference Committee or the Amateur Auxiliary.

Don't just shake your head and say that they won't help. These volunteers are there to assist you in any way possible. They unselfishly give of their time and resources and expertise to help you, a fellow amateur. If you call or write the FCC they will turn your case over to these volunteers, unless it is a matter of safety that requires immediate action on their part.

We the Amateur Auxiliary and the Local Interference Committee members are your complaint department — try us. You will like us. Address: 4190 Malden Drive, Sarasota, Florida 34241.

HURRICANE NAMES FOR 1988

ALBERTO BERYL CHRIS DEBBY ERNESTO FLORENCE GILBERT HELENE ISAAC JOAN KEITH LESLIE MICHAEL NADINE OSCAR PATTY RAFAEL SANDY TONY VALERIE WILLIAM (SOURCE U. S. WEATHER SERVICE)

SIXTH EDITION 2 METER REPEATER MAP

We are happy to announce the 6th Edition of our famous 2 Meter Map is off the press. Map editor Bill Tucker, W4FXE did his usual excellent job with 100 percent updates. The map is 11 by 17 inches printed on 50 pound light yellow paper with black ink, making it easy to read. Each city has its own box containing repeater frequencies. Another list is along the left side making it wasy to see which city has what frequency. We are keeping the price down to 25 cents each plus your self-addressed stamped envelope (SASE) to MAP, Box 501, Miami Springs, FL 33266.

THE *New* PCS-6000

AZDEN

BOLDLY GOES WHERE NO OTHER TRANSCEIVER HAS GONE BEFORE!!

RECEIVE 118 TO 173.995 MHZ.

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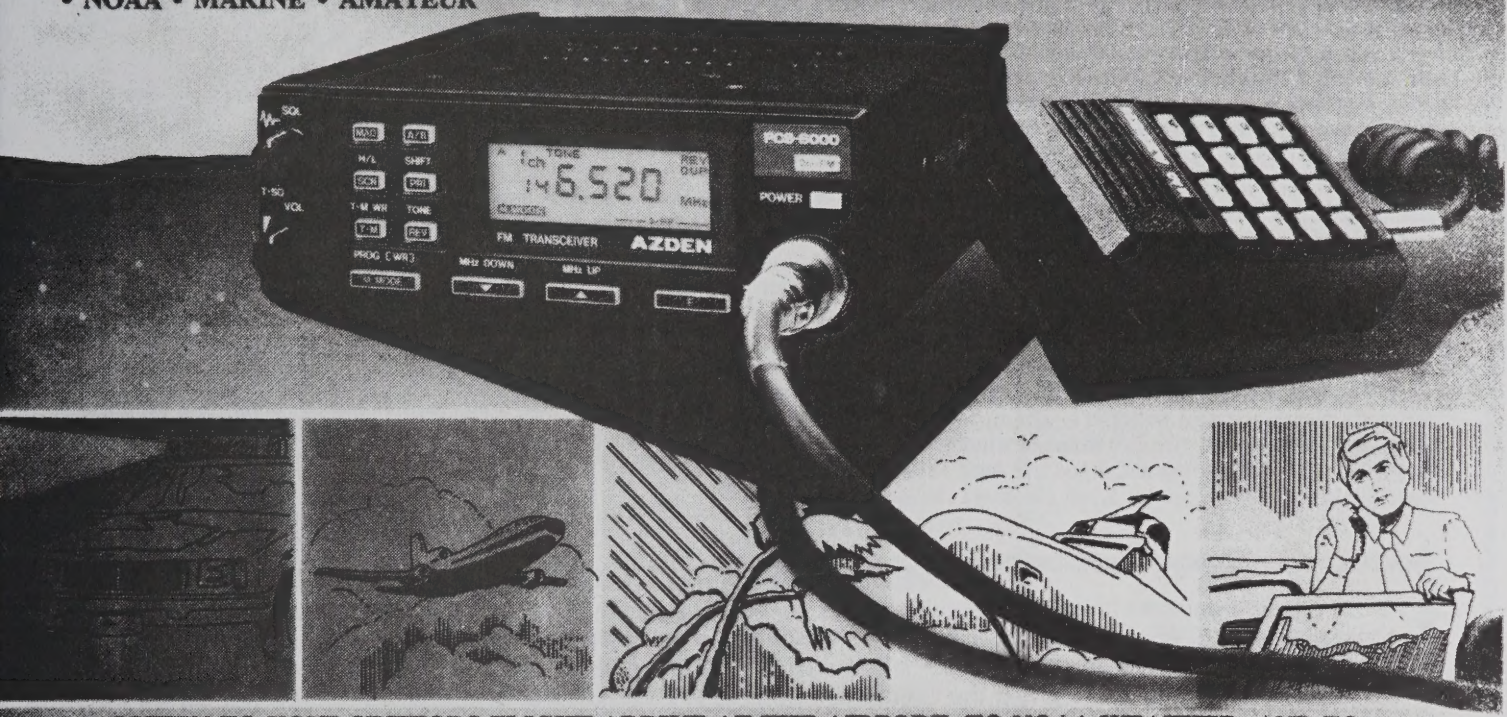
• NOAA • MARINE • AMATEUR



LISTEN TO YOUR VISITORS FLIGHT ARRIVE AT THE AIRPORT, TO NOAA WEATHER, AND TO PUBLIC SERVICE, POLICE, FIRE, FORESTRY AND MARINE FREQUENCIES

MODELS: PCS-6000/PCS-6000H (25W/45W). *Also coming soon PCS-6200 220MHZ, PCS-6300 70CM and PC-10 10 Meter FM Handheld.* **CMOS AND ADVANCED SURFACE MOUNT TECHNOLOGY PROVIDE UNPRECEDENTED COMMERCIAL QUALITY AND RELIABILITY.**

UNPRECEDENTED WIDE REQUENCY COVERAGE: The PCS-6000 receives 118.00 to 135.995 MHZ AM Aircraft/136-173.995 MHZ FM and transmits 140.100 to 150.000 MHZ. Modifiable to ALL MARS and CAP frequencies (proof of authorization/license required)

TINY SIZE: Only 2 inches high, 5½ inches wide and 7¼ inches deep!! Easily fits anywhere, even in the smallest car!

20 CHANNEL MEMORY IN TWO BANKS PLUS 1 TEMPORARY CHANNEL (TM): Two memory banks, A and B have 10 memory channels each. The memories store frequency, shift width, offset information, and PL tone frequency as programmed. *An extra memory channel (that we call TM-temporary memory) is provided to allow you to store any operating condition instantly again and again!!*

UP TO 21 NONSTANDARD SPLITS: Program any split in any channel.

VERSATILE SCANNING FUNCTIONS: Dual memory scan, programmable band scanning, hold scan and delay scan functions are provided, with selectable delay time. ALL memory channels are tunable independently.

PRIORITY CHANNEL MONITORING: Memory Channel B0(the first channel in memory bank B) is monitored every four seconds regardless of any operating condition. When a signal is received, a beep is heard.

DISCRIMINATOR CENTERING (AZDEN EXCLUSIVE PATENT): Always stops on frequency desired when scanning.

PROGRAMMABLE FREQUENCY STEPS: In memory, frequency steps can be set at 5KHZ to 20KHZ in any increment.

BUILT-IN PROGRAMMABLE TONE ENCODER: 57 different tones are built in for instant programming of PL tones into memory channels and microcomputer. Tone frequency can be entered independently in RX and TX. A tone decoder is available as an option.

LITHIUM BATTERY BACKUP: Memory information can be stored for up to 5 years even if power is removed.

FREQUENCY REVERSE: Allows you to listen to repeater input frequency.

FEATHER-TOUCH TUNING CONTROL KEYBOARD: The LED backlighted light touch keyboard performs all tuning operations simply by pushing the key(s) and key actuation is audibly verified.

LARGE LCD (LIQUID CRYSTAL DISPLAY): The LCD display shows the operating frequency, S/RF, memory channel in use and various other operating functions. The LCD is back-lighted by green LEDs, making it possible for you to read the display even in total darkness.

FULL 16 KEY TOUCHTONE PAD MICROPHONE: DTMF Microphone functions as auto-patch when transmitting.

DIGITAL S/RF METER: Shows incoming signal strength and relative transmitter power.

MICROPHONE CONTROLS: Up/Down memory and frequency control.

TRUE FM, NOT PHASE MODULATION: Unsurpassed intelligibility and audio fidelity. High/Low Power: 25W/45W or 5W/10W (6000/6000H). Output-Fully adjustable.

SUPERIOR RECEIVER: Sensitivity is better than 0.15 Microvolt for 20-DB quieting. Commercial-Grade design assures optimum dynamic range and noise suppression.

AUDIO OUTPUT: 2 Watts or more.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

OTHER FEATURES: Rugged dynamic touchtone DTMF microphone, built-in speaker, mobile mounting bracket, remote speaker jack, and all cords, plugs, fuses and hardware are included.

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SUNKEN SHIPS AND RAISED ANTENNAS

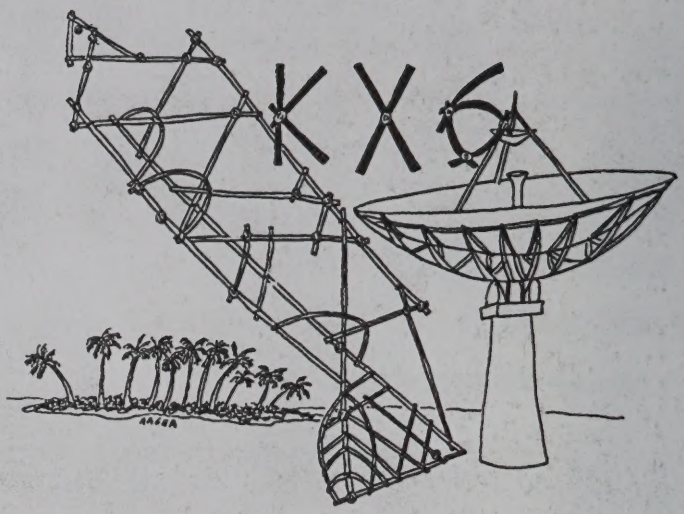
By Nancy Vander Velde, AA6EA

To most people, if the name "Truk" means anything, it means the place where a fleet of Japanese war ships was laid to rest during World War II. To scuba divers in particular, the terms "Truk Lagoon" "wreck diving" are practically synonymous, and each year hundreds come to explore these submerged relics first-hand.

But sunken ships are only a small aspect of what the Truk Lagoon is all about. Geologically, the lagoon is a delightful treat as it is one of the few places on earth where a sinking volcano system and its resultant coral atoll can be seen together, creating one of the largest barrier reefs in existence. Then there are the almost 200 atolls and reef islands outside the lagoon itself. Here a Miconesian lifestyle quite unaffected by Western influence prevails. Men still know the ancient navigational skills and are attired in the native loincloth or "thu."

To try to see all of these aspects of Truk would be a monumental task for any one person. The main way most of the islands are kept in contact with the District Center of Moen Island is by boats and copra ships. Yet this District Center is also were Continental Airlines flies its 727s and foreign visitors stay. So an American tourist can easily find himself riding in the back of a pick-up-style taxi along with a loinclothed Western Islander.

Moen is also the center of electronic communication for Truk. Not far from the international airport stands the state radio station, WSCZ (1593 KHz), short-wave antennas, and the Satellite Communication Center. But as is often the case for Truk, these modern set-ups are not nearly as impressive as the old Japanese ones. On a hill far from the downtown section of Moen, stands what is now Xavier's High School. The main school structure is the former Japanese communication building — an impressive sight in itself! Thick, fortified concrete walls with steel window shutters — there is good reason the building withstood the American bombings and various subsequent typhoons. Even the most dedicated amateur



radio operator has never dreamed of a "shack" like that.

The Trukese on Moen are not in the stoneage as far as electronic interests. Direct television viewing has succumb to a profusion of video cassettes, and video rental stores can be seen all over. However, what is also seen all over and appears to be growing in popularity are vertical HF antennas. Yes, to hams from other parts of the world, "C.B. radio" may be a foul word, but in Truk, it has the potential to be a useful tool. With phones not being available to even all who desire them on Moen itself, much less on the outer islands, the practicality of a citizen's band set-up is quite apparent. A person may live where there isn't even a car, but with an inex-

QSY back page

EVERGLADES ANTENNA TEST

Radio operators for the five Sundays were: W4VBQ, Layton; N4PFE, Chris; N4ORZ, Joycelyn; KB4PNH, Susanne; and KB4EWO, Debbie. A Certificate of Appreciation will be sent to these people. A total of 178 contacts made the test a success, by getting reports from many areas on both simplex and duplex frequencies in South Florida. Considering antenna height at the Everglades Command Post Number One was only 40 feet and power levels ranged from five to 5 watts output, the distances covered (without skip conditions!) were remarkable. Many stations from midwest state to Key West, were amazed at the signal from the test site.

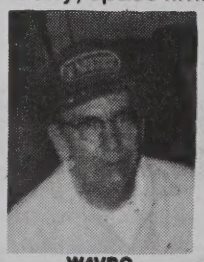
Frank Ireland, K4UUO, designer of the antenna and president of Ireland Tune-Tenna Systems, has decided to award two free antennas, one for the East Coast and one for the West Coast. East Coast winner is K4RXX, Charlie Spencer from Christmas, Florida. West Coast winner is WR4J, Harry Ewing, Jr., from Cape Coral, Florida. *Congratulations to these operators.*

Our thanks to our operators who made the test a success. Also to Andy Clark, W4IYT for videocam work, and to the 147.00 repeater for use of their excellent signal.

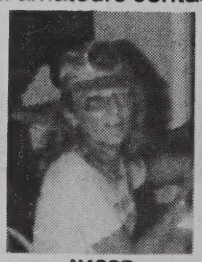
All operators of the test site were treated to airboat rides, and great meals cooked by Frank and his partner Don Rush.

Any station logged in during the month-long test is qualified for the special price antenna. Contact either Frank Ireland, K4UUO or Layton Ruse, W4VBQ, 2131 S.W. 62nd Avenue, Miami, Florida 33155, (305) 266-4946.

Sorry, space limitations prevent listing all amateurs contacted during the test.


W4VBQ

N4PFE


N4ORZ

KB4PNH

KB4EWO

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K9LSB

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FORT WAYNE, INDIANA 46819
219-747-5155

December 18, 1987

MAXCOM Incorporated
Mr. Sonny Irons, President-CEO
Fort Lauderdale, FL

Re: MAXCOM 200D #31005907
Purchased 10-12-87

Dear Sonny:

I have had the above "200D" in operation for nearly 2 months now after securing same from you on 10-12-87. I'm pleased to report that all is working exceptionally well - in all services. As I indicated on my warranty card earlier, this station is involved in mutliple services (i.e., USAF MARS [now Indiana State MARS Director] AFA1MU/AFF1IN; USAF CAP [Major] Great Lakes Region Staff [Communications] as Great Lakes 14) including very active involvment in the amateur radio service (FCC FOB AA/OO; AIRS; RACES; ARES etc). These services require operation on many specific freqs between 1.8 and 30 MHz. The broadband multimode ICOMs and the single MAXCOM 200D are fully serving these requirements.

I have been pleased with the results and happy to receive very acceptable signal reports (band propagation permiting hi) from all stations with just 100 watts of power. I have a multiple position station for these services and am planning to install yet another antenna with the MAXCOM 200D in the very near future. I have the system with 70' sides (140' overall) in an inverted "V" configuration up about 40'.

I am pleased with your product Sonny-in spite of some bad press I've seen in the past. Proof is in the performance - and the satisfaction of this customer!

Thank you for your past courtesy and an excellent introduction to this outstanding antenna matcher product.

73,
Jack D. Forbing, K9LSB
USAFMARS AFA1MU/AFF1IN
USAFCAP GL-14
AA/OO, AIRS

JDF:bhs
cc :"HAMS-O-GRAM" newsletter

Absolutely no tuning with a MAXCOM® system. Simply connect, dial your frequency and talk... That's it, just TALK.

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Palm Beach Repeater Association, Inc.

Presents the Second Annual

PALM BEACH COUNTY HAMFEST

Amateur Radio & Computer Show October 15th & 16th, 1988

Early Reservation Information

South Florida Fair Grounds
Southern Blvd (State Rd 80)
West Palm Beach, Florida

Saturday October 15th, 1988
9:00 AM - 5:00 PM

Sunday October 16th, 1988
9:00 AM - 3:00 PM

- **Indoor Flea Market**
- **Exhibits**
- **FCC Exams Saturday & Sunday**
- **Door Prizes**
- **15,000 free parking spaces**
- **100 RV full-hookup sites**
- **On-Site Security**
- **Quality Food Catering**
- **Large Aisles**
- **Packet Radio Demo and Forum**

Admission
Admission tickets are $4.00 in advance and $5.00 at the door. Tickets are valid both days.

Flea Market
Flea market tables are $15.00 in advance and $17.00 at the door, if available. Tables are valid both days. If adjacent tables are desired, registration forms must be mailed together. Limit four (4) tables per person. Admission tickets must be purchased with flea market tickets. Friday setup for flea market is from 2:00 PM to 8:00 PM.

FCC Exams
Novice thru Extra exams are scheduled for Saturday and Sunday. Exams will start promptly at 9:00 AM. Exams will be held on site.

Talk-In Frequency
Talk-In Frequency will be 146.52 Simplex and thru the 147.165/147.765 Repeater. Talk-In will be active one hour before Hamfest hours and one hour before Setup hours.

Lodging
The official Hamfest Hotel is:

Comfort Inn (Turnpike)
5981 Okeechobee Blvd.
West Palm Beach, FL 33417
(407) 697-3388

Reservations must be made directly with Hotel. Palm Beach County Hamfest should be mentioned to get special Hamfest rates. Reservation deadline is September 30th, 1988.

Advanced Registration Form

Palm Beach County HAMFEST 1988
Reservation Deadline September 30, 1988

(Please Print Clearly)

Name _____ Call _____

Address _____

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POLISHING BRASS
(continued)
By Dan Laxson, W4DL

The crew totaled 38 with 12 nationalities being represented. The Captain was cuban, the Third Mate Swedish and the bo'sun was said to have been Captain of an Austrian cruiser during World War I.

There were young men aboard my age (21) who for the wage of $1 could work their way from Pennsylvania to Texas.

The morning broke clear and it was cold-storage eggs and Philadelphia scrapple.

I cleaned the radio room, polished the copper tubing lead-in and was working on removing dirt from the antenna switch when I touched the key. There was a loud thump overhead and a burst of the reutonic language. Down the ladder came an enormous deck-hand waving a bucket and pointing overhead. In my still school boy Enghlish I explained that big brass shield that he had sat on to wash his clothes was a feed-through insulator.

Weather down south was bad and going to get worse. As I handed the latest to the Captain I suggested hiding behind the breakwater at Cape Henry. While I don't remember all his remarks they pertained to my sticking to radio and let him run the ship. I said I would, but he was to get even later.

As we proceeded south the summer storm got worse and the Captain had me dress in a typical "sou'wester" outfit many times too large, and posted me on the port wing of the bridge. He said he might need me and the interphone system to the radio room was broken. We never had an interphone system.

Then with the ship rolling and pitching it happened. Trucks in the number one and two holds got loose from their chocks and slid to port. Several things happened all at once.

The starboard derrick boom broke loose and wiped out the bow railing on its way to the port side. The 55-gallon drums lashed on deck broke loose and I had to climb up before I could climb down.

The Captain called to me to go down to the radio room and call C.Q. and see who was close by. I couldn't see why, with a little more offshore wind and a right turn would have put us on Las Olas Boulevard.

A standard oil tanker answered and we figured he could be along-side in three days. I told the Captain, but we all get busy. It was a wild night. I do not recommend as a pasttime corraling 55-gallon drums on the ceck of a ship that was acting like a broncho with a rope around its withers.

The trip around Florida was leisurely, I layed on the hatch cover getting sun burn and growing my frist crop of whiskers.

Far to port old Fort Jefferson looked like a child's sand castle.

The crew trolled for barracuda by inserting two lengths of pipe into sockets on the stern and the bait looked like greasy white socks with a big double hook through them. As soon as a fish was caught they were thrown on a hatch cover and the cook went to work.

I stood a wheel watch, my instructions were, "turn the wheel the way the compass goes to check it." I thought is that all there is to steering an ocean liner. After a few hours the Captain invited me to look aft at the ships wake. It looked like shot snake. It was a month before my wakes were long, almost straight lines.

I was determined to learn as much as I could. I tried using the sextant. The idea is for you to get the horizon, you, the sun and the sextant to hold still while you find out what time it is.

The Captain showed a great deal of reverence for my first calculations, we were 50 yards short of the Mormon Tabernacle.

(more next month)

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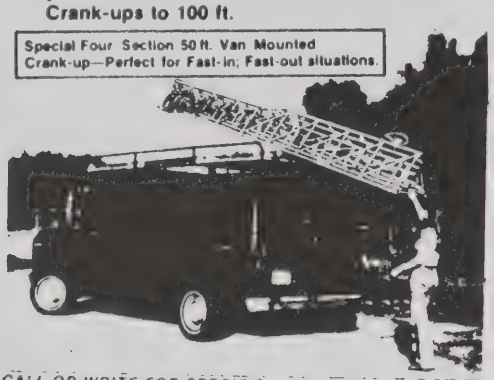
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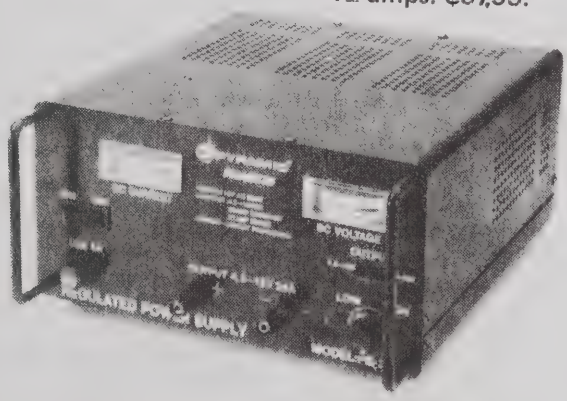
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ARMY M.A.R.S.
MILITARY PACKET RADIO
By Dick Biow, AAR4PP, Army MARS

It used to be that the three military MARS services were so isolated form one another that cross-filing of messages was absolutely forbidden and checking in on one another's nets was considered to be almost an invasion of privacy. In Florida, members of Army, Navy, and Air Force MARS would visit one another's meeting during hamfests and discuss informally how much better it would be for the nation if MARS stations could intercommunicate freely, the way military-run stations do as a matter of course. (Can you imagine a Navy ship refusing to relay a message for an Air Force plane or a land-based Army fighting unit?)

Florida MARS members periodically requested an inter-service communication protocol but for many years received no encouragement. Today, things have lightened up, at least between the Air Force and the Army. Army and USAF Florida MARS stations have been in informal communication on the air, and now they are moving toward shared packet radio and other advanced communications systems.

Quoting Bill Phifer, AAT4WV, who has been working with Ted Huff, AAV4ET on the Army side, "Our respective MARS chiefs have given us the opportunity to work with data communications, networking, digital and analog techniques, which include electronic terminal interfacing and other computerized applications to communication systems. Some of the applications we have to 'invent' as we proceed with the network.

"At present we have well over 80 packet stations operative within the Army and USAF MARS system in Florida. Our plans call for tall towers in 12 to 14 areas of the state. Currently, we have one completed in Melbourne and two nearing completion in Stuart and the Cape."

More about this in future columns. Meanwhile, if you're a licensed ham who likes to operate on the cutting edge of technology, you might consider joining Army or Air Force MARS and helping us to do a bit of pioneering!

U.S.A.F. M.A.R.S.
By Guice W. Johnson, WA4LHO/AFA2SB

Looking back over the last several articles we appear to have developed a trend of associating the month with the article. Why stop now?

September is famous if not popular as the month that school starts in most of our parts of the world. The word school brings vision of young people. When was the last time that you talked to some of the young amateur radio operators in your community about the attractions of the Military Affiliate Radio System? We have members that are no older than you, or even you, that have been in the system 20 years or even longer. They didn't wait until they got old to join MARS.

We need the infusion of younger people to help keep the system alive. Lets carry this idea a little further.

Does your local radio club conduct classes for prospective amateur radio operators? Why not? If not why don't you do something to get classes started. There is a place in every radio class for someone to explain every facet of amateur radio. Why don't you offer your services to the instructors and acquaint the students with the possibilities that abound in MARS.

Even if you don't gather any converts you will at least help them understand more about their new hobby.

Discuss amateur radio with the principals of the high school and junior high school in your area. You might even find a spot on one of the assembly programs.

Are you going to tell me that after all these years of bumping your gums on amateur radio that you can't get up in front of a group of young people and create interest in an absolutely fascinating hobby?

Last year 80 amateurs from the Southeast Amateur Radio Assoc. enjoyed their cruise on the "DOLPHIN" to the Bahamas for 4 nights. This year S.A.R.A. plans a 7 day and night cruse , departing Dec. 10th on the 40,000 ton ship. They have a limited cabins still open. If interested contact Monte N4LLZ, Pres. of SARA at 305 748-1560 soon as possible. Monte says "Don't miss this one!!"

HOOVER JUNIOR HIGH SCHOOL AMATEUR RADIO STATION ON AIR
By William E. Newkirk, WB9IVR

An amateur radio station has been installed at Hoover Junior High School. The station was first put into service on March 17, 1988, at 8 P.M. EST. The first contact made with the station was with Amateur Radio Station TI2YEM in Costa Rica using 20-meter SSB.

The station is for use by student Amateur Radio Operators at Hoover Junior High School and by the amateur radio class held at Hoover JHS under the Brevard Community College Adult Education program.

The current station complement consists of a Heath HW-101 70-watt transceiver capable of voice and Morse code transmissions and a wire antenna above the roof. Short-term plans are to install a directional shortwave antenna and an omnidirectional shortwave antenna at the school. Long-range plans are to equip the station with VHF equipment and to add terminal equipment for other modes of operations.

Equipment for the station was given to the school by area amateur radio operators and installed by SCAT/G members. The station is sponsored by Hoover Junior High School, Hoover Adult Education and the Space Coast Amateur Technical Group.

For more information about the station, contact: Hoover Junior High School, 724-1611; Hoover Adult Education, 724-5006; or the Space Coast Amateur Technical Group, 724-6183.

FLORIDA ROUTING TRAFFIC GUIDE

A must in every Florida Ham Shack. Edited by Ron Mettler, WB4GHU. ARRL numbered texts, CW abbreviations, Emergency Communications, Florida city abbreviations, Florida cities listing, ICAO alphabet info on traffic handling, Message form, Florida net listing, NTS routing guide, QN signals, 3rd party traffic restrictions, toll-free calling areas, 2 letter state abbreviations, State abbreviation and ZIP codes, ARRL Net Directory registration form, MARS "Z" signals most used, and more. 64 pages.

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NORTHWEST FLORIDA NEWS

By Bob Watson, W4DTV

During July the Panama City CVE held FCC exams, two exams were given, two upgraded, one to advanced and one to technician. See **Florida Skip** FCC page for next exam.

The NOARC CVE will hold FCC exams August 13, 1988 as scheduled, in Crestview, Florida (see FCC page **Florida Skip** for details).

The PARC CVE will hold FCC exams at the club house on the 17th of September, Saturday, corner of First and Church streets, FWB. For further details contact Bill Hord, W4WIJ, (904) 243-9720.

For the information of visiting hams to this area (Fort Walton Beach) the radio amateurs have the following nets:

Sunday, 2030 cdst Packet info net 96/36.

Sunday, 2100 cdst-19/79; Monday 1900-28/28 QCWA Net.

Tuesday, 1900-444.800/449.800; Tuesday, 1930-52/52 Okaloosa. County Emergency Net; Wednesday, 1930-46/46-swap net info.

Every night at 200 cdst the GCVHFTN, 96/36; Crestview.

Crestview and Ft. Walton Beach have packet going on 145.01 — 24 hours a day.

W4ODW, Gene Monk is on his way back from a camping trip to Alaska.

In the past month four persons have completed their novice exams and are waiting for their tickets.

I have requests from approximately nine persons who want the novice instruction.

TO ALL RADIO AMATEURS

FCC today adopted a report and order in General Docket 87-14, the proposal to reallocate the 220-222 MHz band to the land mobile service.

In balancing the impact on existing users, emergency communications, and future amateur growth against land mobile requirements, the commissioners concluded that the reallocation was in the public interest despite overwhelming opposition.

Wishing to reasure amateurs of its strong support for the service, FCC emphasized that the remaining three MHz of the band, 222-225 MHz, would be available to amateurs on an exclusive basis, thus removing the cloud that has hung over the status of the band for many years.

The effective date of the reallocation will be announced later.

ARRL continues to oppose the reallocation, and will pursue all available means to reverse the commision action.

ARRL OB 81

MAILING NOTICE PLEASE

Our normal mailing date is the 25th of each month! Do not call Yea Editor! We dont know! Ask your mail-man - who just got another pay increase! 73 Editor.

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THE FCC INFO PAGE

BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5 P.M. Bring a photocopy of your license, positive I.D., and $4.55 to cover the testing fee. Contact Pete Brunet, WS4G, during working hours at 982-3885 for more details.

BROWARD COUNTY

CAVEC Examinations by Racal-Milgo in Sunrise twice per month, on the FIRST Saturday at 8:45 A.M. and on the THIRD Thursday at 7:30 P.M. No pre-registration required and all forms provided.

ADDRESS: 1601 North Harrison Parkway (NW 136th Ave.), Sunrise.

FEE: $2.00 except Novice, which is free.

BRING WITH YOU: your license (the original), a photocopy of that license, the original of any credit certificates and a piece of photographic ID (Driver's license is OK).

TALK-IN: available on 145.27 and 224.84 repeaters.

FOR FURTHER INFO: call Chip Allen, AK4Y (H) 476-8761 or (W) 476-4763 or call Joe Loewy, KB4FO (H) 434-8211 or (W) 476-4567. From Dade County, during business hours only, 592-8600. Ask for extension 4321 or 4697. Recorded info (24 hours) 476-4444.

Dade County Schedule

Location: Dade County Emergency Operations Center, 5600 S.W. 87th Avenue, Miami, Florida 33173.

Examinations start at 9:00 a.m.:
Saturday, August 13, Saturday, September 10, Saturday, October 8, Saturday, November 12, Saturday December 10 (Second Saturday of the Month).

Walk-in examinations on test available basis. FCC Form 610, Photocopy of License, Positive I.D., $4.55 check payable to ARRL/VEC needed for exam.

Mail FCC Forms and Check to: Jose A. Ramos, WW4W, 6011 S.W. 11th St., West Miami, FL 33144.

Call for further information: Ron Bell, WN4L, 247-2944 after 6 P.M.

DUNEDIN-TAMPA BAY AREA

Due to Labor Day holiday test will be held Sept. 12th. D.A.R.A. V.E. testing team, the first Monday of every month, at 7 p.m. in the Foreign Language Bldg. No. 99, Dunedin High School, 1615 Pinehurst Rd., Dunedin. Please bring original and copy of license, positive identification and $4.55 fee. Talk-in 145.310 or 145.210, 600-. Walk-in accepted. Info from KI4MO, (813) 531-1911, AA4XI, 539-9509 or write DARA, P.O. Box 1851, Dunedin, FL 34697.

FORT MYERS AREA

The 1988 test schedule sponsored by the Fort Myers ARC (ARRL/VEC) is as follows: September 24, November 19, 1988.

Contact Bob Strathy, WV4F, 5428 Brandy Circle S.W., Fort Myers, FL 33919 (SASE) or phone (813) 481-4880 for information.

CENTRAL FLORIDA — MAITLAND EXAM SCHEDULE

The Central Florida V.E. Program will hold FCC Exam sessions in the Fellowship Hall of the First Presbyterian Church of Maitland, Florida at 9:00 a.m. on the second Saturday of September and November, 1988. These dates are September 10th and November 12th.

These exams will be conducted by CAVEC examiners, and the cost will be $4 for all, except novice tests for which there is no charge. You should bring your original FCC license and a copy of it to attach to the 610 forms which will be available at the test site.

If you have any CSCE's, please bring them as well as a copy of them. We wish you good luck, and if you have any questions please call N4ADI at (407) 644-5905. See you there!

MARION COUNTY

W5YI Testing — Novice through Extra, every second Monday, at 7:00 P.M. Marion County Government Complex at the corner of S.E. Ft. King Ave. and S.E. 25th Ave. Talk-in on the 146.61, K4GSO Repeater; Silver Springs Radio Club, Ocala, Florida. Contact Jim Brenner, NT4B, 237-5783; or Walt Morris, K4ELK, 245-7254.

MELBOURNE EXAM DATES

Here are the exam dates for the last half of 1988. Exams are held on the third Saturday of every month at Florida Institute of Technology in Melbourne. Exams start at 10:00 a.m. and are usually over by 1:00 p.m. Walk-ins are welcome.

For more information, contact Victor Lau, N4FUY, at Florida Institute of Technology Amateur Radio Society, (407) 768-8000 x 8149.

Melbourne exam dates — July to December, 1988: July 16th, August 20th, September 17th, October 15th, November 19th and December 17th.

NORTHWEST FLORIDA EXAMS — CRESTVIEW

FCC Exams are given the second Saturday of each third month, (i.e., February, May, August and November) at 9:00 a.m., local, at the Council on Aging Building, 298 South Wilson Street, Crestview, Florida. Fees $4. Walk-ins welcome. Free coffee, FCC 610's on hand. Plenty of rag-chewing. Talk-in on 147.36, WB4CDR/RPT. Bring copy of license and identification with picture (e.g., drivers license).

For more information contact WB4ORK/CVE, Route 1, Box 189, Crestview, Florida 32536.

OCALA/CENTRAL FLORIDA

W5YI Exams are held each month on the last Saturday at 10 a.m. at the St. Patrick's Episcopal Church, 2802 N.E. 7th Street, Ocala, FL. All exams are on a walk-in basis. Fee is $4.35. Novice tests free. Talk-in is available on 145.130 (TX-600) or contact Jerry, K4UBR 629-6049 or Terry, N4NWN 351-0489. December test will be on Dec. 19th at 10 a.m.

ARRL/VEC examinations by Consolidated VE's of Brevard County — Rm Q-22 — Florida Institute of Technology — Melbourne — 10:00 a.m. (check-in 0930) — third Saturday of every month No pre-registration required. Form 610s provided. Bring original and photocopy of current license. Contact person is Victor Lau, N4FUY, (407) 768-0888.

* * *

PANAMA CITY, FL.

Test date and time — October 15, 1988; 10:00 CST. 9:30 A.M. for all walk- in.

Test site — Civil Defense Building, Main Conference Room, 644 Mulberry Ave., Panama City, FL. No cash — make checks payable to ARRL/VEC: no charge for Novice; all other classes will be $4.55.

Contact — Jerry Luallen, 1320 Buena Vista, Lot 45, Panama City, FL 32401. Phone: 904-785-4370. Talk-in on 146.94.

PALM BEACH AMATEUR RADIO COUNCIL, INC.
and
PALM BEACH JUNIOR COLLEGE AMATEUR RADIO CLUB
P.O. BOX 6834. West Palm Beach, FL 33405

The Palm Beach Amateur Radio Council, Inc., is giving Amateur Radio License Tests on each 3rd Saturday of each month, at Palm Beach Junior College, 4200 Congress Avenue, Lake Worth, Florida, Room — Criminal Justice 101, at 9:00 A.M. The tests are given under the ARRL-VEC and curently cost $4.55. Walk-ins permitted on as long as we have test materials available. Pre-registration strongly advised, except for code testing.

TAMPA TESTING

The second Saturday of each month, Tampa Amateur Radio Club Clubhouse, Columbia Drive (Davis Island), Tampa, Florida (next to the Coast Guard Station), 1:00 p.m. Bring a copy of your license and $4.55 cash (novice exams free) along with two I.D.'s. Non-programmable calculators permitted. Contact Jud, AB4EC at (813) 884-8218 for reservations (recommended).

VENICE FCC EXAMS

FCC exams are given for all classes of Amateur Radio licenses on the second Saturday of each month at 9:00 a.m. at the Venice Public Library, 300 South Nokomis Ave., Venice, FL.

Bring a completed FCC Form 610 (Forms will be available at test site), your driver's license or a legal photo I.D., a photo copy of your present license (to be attached to Form 610), the ORIGINAL of your present license (this will be returned to you). Test fee is $4.00 ($4.55 if under ARRL/VEC). No fee is required for Novice exam.

For further information contact Don Fontaine, N4ET, 252 Cocoa Lane, Venice, FL 34293. Tel.: (813) 497-4014.

VEC Eau Gallie Area by Florida Institute of Technology ARC, 9:30 A.M. Walk-ins OK. ARRL VEC staff. Exams 3rd Sat. of each month through 1988. Novice thru Extra. Details call Bill Newkirk, WB9IVR, call 407-724-6184.

WEST PASCO COUNTY

The Gulf Coast Amateur Radio Club is sponsoring AARL/VEC exam sessions, novice through extra, on the first Tuesday of each month at 6:30 p.m. Location is Adult Education Center, 1510 South Boulevard, New Port Richey. Walk-ins accepted on a mterials available basis. Pre-registration strongly advised. Bring: (1) original and photocopy of current amateur radio license; (2) positive identification; (3) check for $4.55 payable to ARRL/VEC (no fee for novice exan); and (4) original and photocopy of any CSCE for code or written elements. Form 610 will be furnished. Talk-in on 146.67 (Tx-600).

Contacts for the September 6th session are Fred Marchman, AA4FG at (813) 849-1224; Ralph Forrest, W2GLW, (813) 842-8351; and O.B. Boardman, WC4D, (813) 934-7793.

LAKELAND AREA

The Lakeland Amateur Radio Club will conduct amateur examinations on Saturday, October 29, 1988 at the American Red Cross Building, 1815 Gilmore Avenue, Lakeland, Florida. Examinations will start at 9:30 a.m. ARRL/VEC protocol will be used and candidates must present the original (if any) of their amateur license, a copy of the license and a check, made out to ARRL/VEC, in the amount of $4.55.

Walk-ins will be accepted but prior registration will be appreciated with Charlie Zottu, WB4NSQ, 405 Oppitz Lane, Lakeland, Florida 33803, (813) 688-4033. WB4NSQ will supply FCC Form 610 for SASE.

HIALEAH

W5YI FCC exams at 700 East 25th Street, across from Hialeah Hospital on third Saturday at 8:00 p.m. Pre-registration recommended. Contact Francisco Prada/V.E., KP4EDL, P.O. Box 3576, Hialeah, Florida 33013 or phone (305) 829-0602 (7:00 p.m. to 9:00 p.m.). Dates will be September 17th, October 15th, November 19th and December 17th. Fee is $4.55. Check or money orders made payable to Francisco Prada/V.E., KP4EDL.

WEST PALM COUNTY

The Palm Beach Amateur Radio Council, Inc., is giving amateur license tests on each third Saturday of each month (except October of 1988), at Palm Beach Community (Junior) College, 4200 Congress Avenue, Lake Worth, Florida, Room Criminal Justice 101, at 9:00 a.m. The tests are given under the ARRL-VEC and currently cost $4.55. Walk-ins permitted in as long as we have test materials available. Pre-registration strongly advised, except for code testing. Next tests for 1988 will be on September 17th, November 19th and December 17th. The October tests will be given on October 15th and 16th at 9:00 a.m., at South Florida Fair Grounds, PBRA Hamfest, 9067 Southern Boulevard (State Road 80), West Palm Beach, Florida.

CHARLOTTE COUNTY

FCC exams sponsored by Charlotte Amateur Radio Society (ARRL-VEC) 9 AM Sat. Oct. 22, 1988 at Port Charlotte Christian School, 3279 Sherwood Rd., Pt. Charlotte, FL. Contact Mel Jerkins W4STI 813-629-6276.

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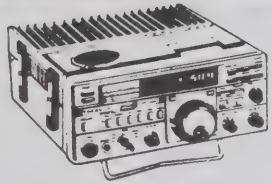

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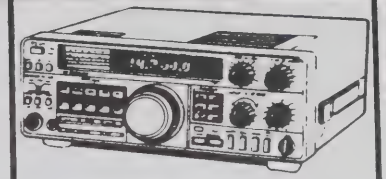

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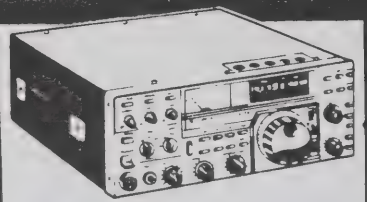

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FLORIDA STATE Q.C.W.A. NEWS

Edited by Eli Nannis, K4JMH

Our scholarship fund is doing quite well however more contributions are needed for the QCWA Building Fun. We have over 10,000 members and our headquarters are located in a room in a private home. Lets get behind the building fund and donations will be needed from all the chapters and individual members. Send your contributions now and lets get that building fund rolling.

No chapter reports were received for the month of July. The Gator Chapter reports a "silent key," Roy Stibbs, K4FRG. The QCWA International Net operated every Sunday on 14.347 at 2000Z and the Florida QCWA Net operated every Sunday at 7:00 p.m. on 3955 KHz. Why not check in.

CENTRAL FLORIDA CHAPTER

Many of our members are awy for the summer. W2HGV to California, W4LHP to Minnesota, VE3BFJ to Ontario, and WB4RSC to New York. Others up north are VE3BIS, K8RIF, and NM9K. Regret to report that K4FEI is selling out because of a move to new quarters. W4SZ has moved to Tampa and Svend plans to rejoin the chapter. W4SVB is entertaining relatives from England. WA4RLC is enjoying the new satellite. W9QCA is back on his feet after some illness. KA5KWE has a new exciter. W9HOH is the local expert on mobile antennas and helps many with their installation. WB4NSQ gets around town in an electric cart, maybe mobile. W4OFT lost his tower and beams in a storm and has rebuilt his antenna farm.

No business meetings until September when W4PBL will strike the gavel but the socal meetings continue at the Sirloin Family Steakhouse, 3105 U.S. Highway 98 North, Lakeland the third Saturday of each month at 11:30 a.m.

Reported by Jim, W4JM

EVERGLADES CHAPTER

The first meeting of the fall season of the Everglades Chapter of QCWA will be held on Saturday, September 10th, at Mr. Rays Restaurant, located in the Lauderdale Lakes Mall at the intersection of State Road 7 (441) and Oakland Park Boulevard.

Lunch is served starting at 11:30 a.m and the meeting starts at about noon.

Join with us and meet new friends or renew acquaintances with old friends. Everyone is welcome and we would be delighted to see you there.

Reported by Irv Binger, W4IB

KNIGHTS OF THE KILOCYCLE

By Jim Gundry, W4JM

3910 KHz, Sundays, 1130Z • 7:30 A.M. E.T.

Many regulars are on summer vacations but the net continues to gain new check-ins and members. Welcome to all who would like to call in on Sunday morning.

A nice membership certificate comes with joining up; one that you'd be proud to display in your shack. Conditions are improving and soon **Skip** will lengthen out a bit and we'll be glad to have out-of-state check-ins.

How about some of you folks volunteering for the Master Oscillator (NCS) job and for the other positions that keep everyone up-to-date on birthdays/anniversaries and health? Yes, even a new editor for this monthly column. New leaders bring new ideas!

As Knights of the Kilocycle let's all try to get some new blood into ham radio. One way to do it is to show the ARRL film "The New World of Amateur Radio" at service clubs, mobile home community meetings, etc. The video is available from ARRL Vice Director W4WYR. Evelyn's QTH and phone number is listed in QST.

We'll close with this: wise sayings often fall on barren ground; but a kind word is never thrown away.

SKIP ON TAPE

While at the Melbourne Hamfest, SKIP EDITOR talked to a "Reader for the Blind" from the LIONS LIBRARY of the Blind in Daytona Beach and she advises they are still remodeling their studios. They expect to start up again the end of October.

New 1988 officers for the Gateway QCWA Chapter 96. T to R: Larry Filzen WB4CGD, V.P.; Arthur Sheddan, W4LJL, Pres. and Claude Belcher K4DBM, Secretary. (Phot via Eli, K4JMH')

FATHER MARSHALL MORAN TO SPEAK

By Alace Miller, KB4SQK

The Silver Springs Radio Club of Ocala is proud to announce that Father Marshall Moran, S.J., 9N1MM, recipient of this year's ARRL Humanitarian Award, will be speaking in Ocala, Florida, on Sunday October. 2, 1988 at 3 P.M.

Father Moran has spent the past 26 years living and teaching in India and Nepal. As the only amateur radio operator in Nepal, Father Moran has seen and met many dignitaries and heads of state who have visited his school and radio shack. He will share his experiences with all interested amateurs and the general public who are invited to attend.

This special event will be held in the Commissioner's Auditorium of the Marion County Governmental Complex on Southeast Fort King Street, in Ocala, Florida, at 7:30 p.m.

For amateurs coming into Ocala for this event, talk-in will be on the K4GSO repeater, 146.61 MHz.

HAVE YOU EVER NOTICED HOW LITTLE THOUGHT WE GIVE TO THINGS WE COULDN'T LIVE WITHOUT BEFORE WE GOT THEM? ? Tks W4ZGG .... ..

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PACKET — P.B.B.S.

By Al Vesce, K4CY

For SYSOP's only! I sure hope I have the attention of SYSOP's throughout the state today. I've had the pleasure of meeting a half-dozen or more; in Miami, Tallahassee, and in or around the Brooksville and Inverness area. Several have asked what can be done when no station that access his PBBS handles NTS traffic. Hopefully, no SYSOP would cancel, terminate, or destroy an NTS message. If an NTS message is corrupt, mis-addressed, or otherwise undeliverable, a SYSOP should not "kill" the message. Every message must be honored. If he doesn't know what ARL SIXTY SEVEN is then he should send that message to the nearest listed **Florida NTS Packeteer** who will either clean-up the message for onward forwarding or who will himself "KT" the message and refile it on a C.W. or voice net.

However, I do wish to address SYSOP's this month. I (and NTS'rs) throughout the state appreciate the time, effort, and money involve din your PBBS. We understand we are riding piggy-back on your system and thank you for that fact. You can help us by ensuring wide distribution of the helpful information contained in NTSOP1 and NTSOP2.

Many of us are learning the intracacies of computers and packet. In order for the NTS aspects of packet to work, we need uniformity in formatting our NTS messages in packet. That information should be coveyed to all **Florida NTS Packeteers**.

But some PBBS's are immediately renaming those two items and (as far as we NTS computer illiterates are concerned) burying them in your directory files as NTS/LST or NTS/FMT or something else. **NTS Packeteers** who are looking for the new NTSOP1 may not realize it is filed under that name. Many of us don't know how to use the "W" or "D" command. And if we do, we may not recognize NTS/LST as NTSOP1.

Every SYSOP that has one or more **NTS Packeteers** listed at their PBBS should ensure the most recent NTSOP1 gets to them, even if it means addressing that bulletin as an "SP" to those one or two stations on their PBBS. Access to the latest NTSOP1 or latest revised NTSOP2 to those individuals will ensure they properly format NTS traffic on packet that will minimize any manual corrections necessary too that type traffice.

If you feel you must remove those bulletins and refile them as directories or sub-directories, then by all means send a short message to those one or two people on your board on how and where to find those two documents. You not only will be helping them but yourself and other SYSOP's. Additonally, should a non-**Florida NTS Packeteer** file an NTS message incorrectly on your board, rather than telling them how it should be done, direct them to these two documents.

Next month, HF Packet.

MICHIGAN MAN SENTENCED FOR ILLEGAL C.B. OPERATION

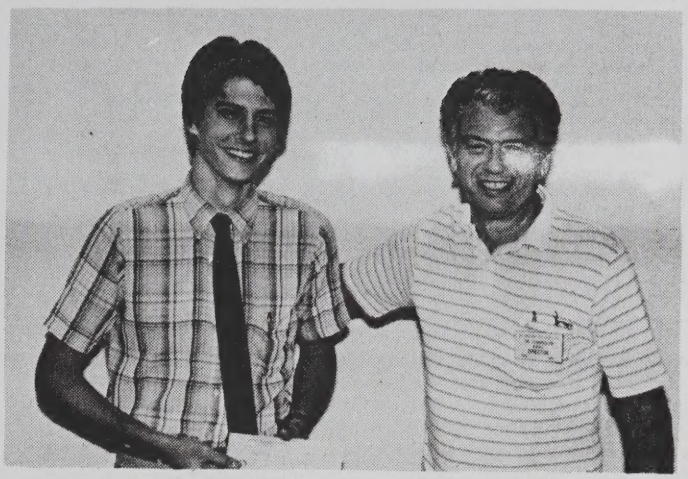
According to an FCC Public Notice, Bradford Mithcell, of Niles, Michigan, was sentenced to one-year imprisonment for using a high-power C.B. transmitter. The one-year sentence was suspended except for an incarceration period of 90 days.

In addition, Mitchell was placed on three year's probation with the special condition that he refrain from possessing or operating a radio transmitter. He was fined $1,025 and ordered to forfeit to the U.S. Government all C.B. radio equipment that had been seized from him by the U.S. Marshall in 1986 and 1987. Mitchell must also perform community service as determined by his probation officer. The ARRL Letter, August 2, 1988

HURRICANE SEASON IS COMING!

For it's members, FLORIDA SKIP is offering FREE an official U.S. Department of Commerce (NOAA) Marine Weather Service Map printed on heavy white paper. This is not a hurricane plotting map. It shows all the NOAA Weather Stations in Florida with call signs and assigned frequencies.

This map is labeled MSC-5 Savannah, GA to Apalachicola, Florida, south. As mentioned, this map is FREE provided only if you send a number 10 (10 inches across) envelope with your name and address printed on it, plus a 25¢ stamp afixed. Without this — NO MAP. Send SASE to: Weather Map, Florida Skip, P.O. Box 501, Miami Springs, FL 33266.



Todd Kowetan, an engineering major at the University of Central Florida, receives scholarship award of $1,000.00 from Committee Chairman, Jim Cunningham, K4DEE, representing THE ORLANDO AMATEUR RADIO CLUB.

ORLANDO A.R.C. SCHOLARSHIP

By Jim Cunningham, K4DEE

The first scholarship award given by the Orlando Amateur Radio Club was on August 3rd at the monthly general membership meeting.

The recipient, Todd Konstan, of Orlando, is majoring in electronic engineering technology at the University of Central Florida. He maintains an overall grade point average of 3.6 and is employed at a computer service company in the area. Todd's background reflects a strong interest in satellite communications and computer science. His ultimate goal after receiving his baccalaureate is to obtain a masters degree.

The OARC membership is proud to be able to give this $1,000 award and hopes it will be a traditional event each year.

NOVICE CLASSES

It is with great pleasure that I announce that the St. Petersburg Amateur Radio Club (SPARC) will conduct a novice code and theory class.

These classes will commence on Monday, September 12th and will continue weekly, until all have passed their Federal Communications Commission (FCC) examinations. The course material used will be from the American Radio Relay League (ARRL), their "Tune in the World with Ham Radio."

Interested persons should be at the **Red Cross** Chapter House September 12th at 7:00 p.m., 818 Fourth Street North, St. Petersburg, Second Floor Meeting Room.

THE NEW AUTO TAG PROCEDURE IS NOW IN EFFECT

The Florida Department of Highway Safety and Motor Vehicles has announced a new requirement for auto tag renewals. Under the law, which took effect May 1st, renewal applications for a tag or decal will be rejected, if the vehicle's current odometer reading isn't included on the renewal form.

Since 1984, space has been provided on vehicle registration forms for the odometer reading, but such information has not been mandatory.

It now is effective with renewals for owners whose birthdays are in May. Those owners should have already received their renewal applications. If they mail in the forms without the mileage recorded, the forms will be mailed back.

In addition to renewals, the odometer reading is also required when the original plate and decal are issued, when a plate is transferred from one vehicle to another, or when a lost or stolen plate is replaced. Any registration that is processed after May 1st, whether received in the tag agency by mail, or through walk-in, must have the current odometer reading recorded on it.

This requirement is effective in every county in Florida.

RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 10cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign and the ZIP, Area-phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! COMMERCIAL DISPLAY. Full Page $120.00. Half Page $75.00, 1/4 Page $55.00 and 1/8 Page $36.00. CAMERA READY. Lay-out, make-up, typeset fee is extra according to size of ad and typset required for same. DEADLINE for all Hambars and ads, 8th of each month in P.O. Box 501, Miami Springs, FL 33266. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

FOR SALE: Tower & antenna Telrex 3 el. 20 mtr Yagi on 26 ft boom W/palmar 5 KW balun, mint $175. Hy-Gain 402BA, 2 el. 40 mtr Yagi mint $125. 20-40 ft crank-up tilt-over, free standing tubular tower in good condition $300. All items are pick up only. Steve Chamberlain, AI4R, 560 Ketch Dr., Naples, FL 33940 813 261-0097.

FOR SALE: 10 meter Telrex, 3 element tribander 10M313. Nye Viking phone patch. Excellent condition. Bob Black WA4SKE, 13420 NW 1 Ct. Miami, FL 33161 Ofc 305 893-7364 Home 681-4567.

SELL: Commodore MPS-80 new never used. Matrix printer, VIC-20 with Kantronics interface, CW/RTTY with Goldstar B&W 10" monitor. Commodor 64-C with Comm. 1541 disc drive also Comm tape player C2N. Package deal $400. MJF-422 electronic key $35. MAX-50 freq counter $25. Millen Grid Dip meter with coils $25. Redi-Kilowatt 7-30 MHz 140 watt amp. Requires 13 V at 10 amps. $45. 115 VAC rotor gear case reverseable. Could be used for antenna rotator $75. . Roger Williams 12585 N. Miami Ave., Miami, FL 33168 305 688-3641.

WANTED: TEN TEC OMNI D "B" or Corsair with power supply. A. E. Cannon W4HLD, 505 N. Boyd St., Winter Garden, FL 32787 407-656-3250.

WANTED: Collins KWM2 in any condition. Also 30S1 amplifier or KWS1. Also mechanical filters. Steeve Pautart WN4I, 5833 Dryden Rd., West Palm Beach, Fl 33415 407 689-8819.

FOR SALE: COLLINS KwM2-A $395 with power supply. Bill Roig WB4ZZI, 8081 W. 21st Lane, Hialiah, FL 33016 305 822-6028 or home 987-9505.

DESTINY A TYRANT'S EXCUSE FOR CRIME AND A FOOLS EXCUSE FOR FAILURE.... via W4ZGG....

SALE: KENWOOD TS-430S with up-down mike, FM board, SSB, filters instruction and shop manuals. $595. Bob Baer, KI4NT, 2525 Florida Blvd., 7-230, Delray Beadh, FL 33473 407 272-5151.

SELL: YAESU FT-102 FT902DM 9010M mon. scope. FT-26R 2-6-420. Duplexer sat.-filter etc. Collins speaker. Collins 1By Con. MFJ 3 KW tuner. Norm W1TTT 3095 S. Military Trail Store 2., Lake Worth, FL 33463 407 969-0899 or 798-0022.

SELL: TS520S W/MC50 mic, Dentron Jr. tuner, SWAN SWR-1A, Heath phone patch, 100 ft RG58U, Misc. items, Ham publications, all for $350. FIRM. Prefer you pick up with cash/cashiers check. Frank Van Vliet WB4OPF, 6121 Collins Rd. No. 204, Jacksonville, FL 32244 904-771-7537.

SALE: Packrat-64 with HF modem, $150. Commodore 64, 1541 disk drive, 13 inch color monitor, MPS 801 printer, $450 -- also have PK-64A C-64, 1541 drive. Seikosha SP1000 printer, $375. Yaesu 101EE with 101B remote VFO and Landliner patch/speaker $595. Kenwood 520 with remote VFO, $375. ICOM IC04AT with extra batery pack $325. Frank Wright KB4CV, 10035 Snapper Creek Dr., Miami, FL 33173 305 595-5655.

THE BEST REPLY TO AN ATHEIST IS TO GIVE HIM A GOOD DINNER AND ASK HIM IF HE BELIEVES THERE IS A COOK.... tks KF4EY.

SALE: KENWOOD AT250 automatic ant. tuner good for TS430 ST-1405S TS680S $255 new power supply SP-430 $155. New Collins KWM2 $400. KWM2A $500. MB-430 mobile mounting bracket $17 New mobile mounting bracket for TS-130 TS-120 new $17. TM-401A new $255. POINTS SOUTH ELECTRONICS 4009 W 18 Ave. Hialeah, FL 33012 305 557-9477. Call Jesus after 10 AM ONLY! !

TOWER FOR SALE: 50 foot needle tower with side track to lower antennas. Self-supporting. Call for details $375. You haul. Dick Mays, K4AXC , Hunting Lodge Dr., Miami Springs, FL 33166 305 871-6498.

ANGER IS THE FEELING THAT MAKES YOUR MOUTH WORK FASTER THAN YOUR MIND... Tka KF4OY....

FOR SALE: KENWOOD TS-140 brand new and TM-421A Bill Boig WA4ZZI,8081 W. 21st Lane, Hialeah, FL 33016 822-6028 or home 987-9505.

TURN YOUR UNUSED tubes into cash. Clear out the closets, shelves and storerooms. Buying special purpose, receiving and industrial types. Milton Levy W5QJT, 2833 Junction Hwy No. 15, Kerrville, TX 78028 512-367-4741.

FOR SALE: YEASU FT-401B. No audio, needs work, as is. Bill Daley KB4ZLL, P. O. Box 1391, Miami, FL 33138 305 696-3749. $95.00 pick-up or add UPS.

COLLINS 30L1 linear now retuned for 80, 40, 30, 15, 12 meter bands. 3 Easily returned to original coverage. With spare used but good four 811A's. This amp used very little and in excellent condition. a STEAL at $595. Pickup preferred otherwise you pay shipping. A. Prose Walker W4BW, 1087 Tung Hill Dr., Tallahassee, FL 32301 904 878-8361.

ONE OF THE TESTS OF LEADERSHIP IS THE ABILITY TO RECOGNIZE A PROBLEM BEFORE IT BECOMES AN EMERGENCY....

SELL: Kenwood Xcvr TS-520S $300. Kenwood 2M 9000 $200. Kenwood power supply KPS7 $50. Kenwood mike MC-50 $20. Dentron Jr. Ant. tuner $50. Stan Hayman KA4DPP, 20215 W. Oak Haven Cir. N. Miami Beach, FL 33179 305 944-5674.

SELL: DRAKE L-75 amp. Marage 1060 2 meter amp. Crushcraft A-3 beam. KLM 13 el. beam. Dentron Clipperton. T. tuner. Make offer. George Reaves KB4WL, 206 Roper Dr., Winter Gardens, FL 32787. 407-656-4264.

SELL: TANDY 2000 2-drive with tech. and DOS/basic manuals and much software, including Omniterm smart terminal software $400. Tandy CM1 Hi-Res (640X400) color monitor $400. Marty Hambel K9EIE, P.O. Box 1356, Crystal River, FL 32629 904 795-0295.

WANTED: Quality copy of R600 manual, reimbursed of course. AEA MM2 Morsematic Keyer (in good to better condition) with manual and cables. Pete (The Greek) Varounis KB4AXD, 280 Barclay Ave., Staten Island, NY 10312.

A LITTLE OLD LADY CROSSED THE STREET AGAINST THE LIGHT AND WAS PROMPTLY STOPPED BY A POLICEMAN... "DON'T YOU SEE THAT SIGN UP THERE? IT SAYS DON'T WALK!" "OH, THAT SIGN SHE SAID, " I THOUGHT THE BUS COMPANY HAD PUT THOSE UP". .... via W4ZZG.

WANTED: KW ROLLER antenna induance coil for antenna tuner. Cel Hernandez K4PY, 5555 SW 60 Ct., Miami, FL 33155 305 -444-6920.

FOR SALE: E Z WAY RBS-40 tower with ground post $500. Alliance HD-73 rotator $50. Ranger II 160-6 M xmtr $100. Heath DX-40 Xmtr $60. Clegg 99er 6M AM Xcvr $75. Gerry Haas WA2JSR, 8780 SW 92 St., Miami, FL 33176 305 595-9467.

SELL: Collins 75S-3B round $375. KWM-2 winged $300. W/516F2 PS SM-1 Mic. All cables manuals, spare tubes, excellent. F. Young. RT 2., Box 38, Summerland Key, FL 33042 WB4MPP Phone 305 745-1721.

SELLING: BUTTERNUT model HF4B Butterfly compact beam, mint condition. You pick up $100. Manual included. Robert Brooks NQ2U 420 U. S. Hwy one, North Palm Beach, FL 33408 407-684-9468.

I LIKE THOSE WORDS OF WISDOM SCATTERED THROUGHOUT THE SKIP. HERE IS A FEW I HAVE COLLECTED...KF4EY.....
IF YOU GIVE ADVICE ONLY WHEN ASKED FOR IT, YOU'LL GIVE VERY LITTLE ADVICE.....A MISER MAY BE DIFFICULT TO LIVE WITH BUT HE MAKES A FINE ANCESTER. . .THE ONLY WAY TO KEP FROM GROWING OLD IS TO DIE YOUNG.. . .

BRAND NEW ICOM 781, 735. R7000 R71A in boxes with manuals. Bill Roig WB4ZZI, 8081 W. 21st Lane, Hialeah, FL 33016 305 822-6028 or home 987-9505.

WANTED: A Yaesu AN FT-720;RU mobile VHF transceiver also the remote cables E72S and E22L. Ihave the rest. Tom Keeley KB4KJM 1518 SE 32 St., Cape Coral, FL 33904 813-542-1358.

BUYING VACUUM TUBES' Components, clean out your closets. Shelves storerooms also buying Collins gear. Send me your inventories. Milt Levy W5QJT, 2833 Junction Hwy No. 15, River Front Village, Kerville, TX 78028 512-367-4741.

GRANDSON more interested in GIRLS than being a HAM!. SALE: Atlas 210X limited edition W/220CS. A.C' console & mobile bracket & manual completely gone over 6/88 by International Radio. $350. Call after 8 PM. Larry Lawes KA4QZQ, 436 Bradenton Road, Venice, FL 34293 813 493-8238.

ESTATE SALE: Kenwood AT-230 9-Band tuner/SWR powr meter. (New price $254.95) asking $185. in box. Kenwood MC-50 base mike (4 pin) like new $50. Kenwood TS-830S 9-band xcvr with super-main dial knob W/manual, like new in box $475. Cushcraft 10-15-20 meter beam, down (you haul only) $50. Will ship all above plus UPS. Andy Clark W4IYT. 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: 10 mtr transceiver, 28,300 to 28,740 kHz. Cobra 146GTL, used $150. Ray Wood K4DAV, 3304 Wood Trail Blvd., New Port Richey, FL 34653 813 376-0247.

THE ONLY THING WORSE THAN GETTING UP AND GOING TO WORK, IS NOT HAVING WORK TO GET UP AND GO TO..KA4OMI.

New Aluma Towers, crank up, mobile van, trailor or stack sections. Will take anything in on trade this mont that will not eat! Uninterruptible brown-outs, over voltage, over loads, surges, spikes, EMI/RFI noise, Synchronized switching, 120 VAC and 230 VAC models with alarm. 250 watts to 1600 watts. Spider antenna 10-15-20-40-75 meters. McClaran Sales, Ince. P.O. Box 2513, Vero Beach, FL 32961 407-562-8224.

FOR SALE: TEN -TEC, new boxed latest 1988 summer production models USA made, 585 PARAGON, 561 CORSAIR II, 425 TITAN 1.5Kw linear amplifier, 229B antenna tuner, TT920 Air Band aviation HT, mobile HF antennas, plus accessories. All models, take clean Ten-Tec gear in trade. VISA, M/C or check. For best deal write or phone Bill Slep 704-524-7519. SLEP ELECTRONICS CO. Highway 441, Otto, NC 28763.

ONE OF THE FIRST THINGS A COLLEGE GRAD DISCOVERS IS THAT JOBS ARE HANDED OUT BY SOMEONE WHO THINKS AND ACTS A LOT LIKE HIS FATHER'. . . via W4ZZG.

COMPLETE KENWOOD TS-830S station including: Kenwood TS830S w/YK-88C filter; digital VFO-230 w/delux flywheel tuning knob; SP230 speaker; AT-230 antenna tuner; MC-50 microphone; SM-230 station monitor. (All in excellent condition and packed in original boxes.) $1,200.00 FIRM! Ken Brodeur KK4WR 7445 SW 164 St., Miami, FL 33157 305 232-1046.

FOR SALE: Set of 2 meter duplexors, 6 cavities, cannot be shipped. Suitable for a 50 watt repeator. $250. Harry Mottinger K4ZNB, 16 Lakeview Ave., Lake Placid, FL 33852 813 465-4199.

FOR SALE: AMIGO 1000 computer, Mouse, modem, color monitor W/ 2 floppys. Spreadsheet, Word Processor, Communication software, etc. $850. Original boxes, like new. Bill Roig, WB4ZZI, 8081 West 21 Lane, Hialeah, FL 33016 822-6028 or home 987-9505.

BE NOT AFRAID OF GROWING SLOWLY: BE AFRAID ONLY OF STANDING STILL. . . . . via W4ZZG. . . .

SELL: TS520 $300, TS600 all mode 6 Mtr $300. TS700SP all mode 2 mtr $325. SP-70 speaker $35. 700-SP 2M VFO $75. FT726R 2M, 6M 430, 450 $1000. Used T140 aluma crank up tower, with hinged base, FC-902 ant tuner $75. SP-901 speaker phone patch $40. Ys-500 watt meter 140-525 MHz $80. W/4 watt meter $75. MC CLARAN SALES, Inc. P. O. Box 2513, Vero beach, FL 32961 407-567-8224.

FOR SALE: Brand new Yaesu 767GX, slightly used 757 GX. Bill Roig WB4ZZI 8081 W. 21 st Lane, Hialeah, FL 330166 305 822-6028 or home 987-9505.

SELL: TWO MFJ 949 C antenna tuners, essentially new $100. each. Perfect code oscillator, key, Heathkit $15. MFJ SWR/Wattmeter, model 816, new $20. W. H. Ferguson W4DSR, 2351 Inagua Way, Winter Park, FL 32792 407-425-6045.

COLLINS MANUALS. All original ! ! 312B & B5 Station Control, KWM-2 & 2A, &2A, 62S1 VHF Converter, 32S3, 30L1, $10. each. 136B2 Blanker, 51S1/1B, 75S3B/3C, 75S3/3A, 32S1, , 709E-1, 30S1, , KW1, KWS-1, 70E1-15, 516F2, $15. each. Add $2. for packing and postage. Also have about 3 other receiver/xmtr manuals. See July/aug. Hambars for listing. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

TS-820 by Kenwood $8. Hallicrafters HT-33A linear power amp $9. RME-VHF 152A operating & service manual $10. Hallicrafters SR-200 Xcvr, Svc instructions $12. Johnson Viking VFO $8. National RAS-5 rcvr $8. All plus postage and handling. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

QST & 73 Magazines from 1976 to 1986 in mint condition. You want em, come get em!!! Take all or none. Tony Duva WA4VIS, 10845 NE 10th Place., Miami, FL 33161 893-7469.

A PREGNANT WOMAN AND HER HUSBAND WERE SITTING IN THE OBSTETRICIAN'S ROOM. THE WIFE LOOKED AT A LAMP AND COMMENTED ON HOW LOVELY IT WAS...HER HUSBAND GAVE HER AN ANGUISHED LOOK AND WAILED, "DON'T TELL ME YOU'RE STARTING TO GRAVE FURNITURE!" . . . via W4ZZG

FOR SALE: AEA PK-232 WE-FAX complete NEW UNUSED, all cables as as supplied $225. or ? ? ? Bill Rheney NA4X, P O Box 431340, Miami, FL 33243-1340 305 665-5923.

SELE: Complete line, Kenwood TS830S with filters, VF230 at 230 SP230 MC-50 $1,300.00 takes alll. Will Not seperate. Joe Gonzalez NK4 L 9035 SW 36th St., Miami, FL 33165 305 551-1414.

SALE: DRAKE TR-7 with second VFO and MFJ antenna tuner. All working and in excellent condition $450. Robert David KE4AS, 969 Ocotillo Lane, Marathon, FL 33050 305 743-6819.

BUGLAR ALARMS and accessories NEW & USED. HAYES Smartmodem 300 like new. Jayes SMARTMODEM 1200B (internal for IBM) brand new in box Two 12V-20AH batteries and Charger. Marrantz Stereo power amp. 280 watts per channel. Johnson PPL6000 2-way radios, mobiles and base 470 MHz. Tony Duva WArVIS, 10845 NE 10 Pl., Miami, FL 33161 305 893-7469.

HAPPINESS DOES NOT DEPEND UPON WEALTH, POSITION, OR POSSESSIONS. IT IS A STATE OF MIND SUBJECT TO MENTAL CONTROL.. . . Tks W4ELR.

SELL: E Z WAY RBS-40 crank down/tilt over heavy duty tower. 40 foot high, with top section mount for HAM-M rotor and ground post, good condx. Richard Abrahams, K2YRZ, 3421 SW 24th Ave., Fort Lauderdale, FL 33312 Days 305 587-9135 (eves) 305 749-6434.

WORLDWIDE list of 10 meter propagation CW beacons, frequencies - know when 10 meter is open to DX ! SASE and $1. John Mahagan WB4JHS/BCN 3606 - Red Pine Road, Hillsborough, NORTH CAROLINA 27278 919-477-6161 (Listen for my propgation beason on 28,252.5 MHz - 7 watts CW.

WANTED: ALL FLORIDA 1988 QSO PARTY LOGS SOON AS POSSIBLE. Will print results shortly. West Palm Beach Contest Committee, P.O. Box 8104, West Palm Beach, FL 33407. Thanks.

WANTED: ALL FLORIDA Q S O PARTY LOGS TO FLORIDA QSO PARTY CONTEST COMMITTEE, P.O. Box 8104, West Palm Beach, FL 33407' SOON AS POSSIBLE NO MATTER HOW SMALL IT MAY BE' A certificate for each top county! We need your support to keep the Contest going for another year. Thanks.

FOR SALE: KLM 28 ft boom 2 meter antenna with package new inserts and keepers, manual $80. Tektronics 310A scope, Tek Probe and manual $125. Fluke 885AB ratio voltmeter $225. Bird elements: 100 Milliwatt, 329-336 MHz; 2.5 W, 150-250 MHz. 100 W, 25-60 MHz $35. each. All above OBO, U-ship. WANTED: GOOD GDO for 50-500 MHz; R.F. voltmeter. freq. counter to 500 MHz. Unused 4CX250F tubes. Trades, dickering !. Marshall B. Goldblatt W4EMB, 11801 SW 70 Ave., Miami, FL 33156 305 666-6997.

THE PERSON WHO MINDS HIS OWN BUSINESS USUALLY HAS A GOOD ONE. . . ...W4ZZG.

From front page - USSR.
had a five-month old baby with whom to share the space.

Because of space limitations only Nick and Jerry, RT4UZ were at Igor's. We conversed mostly in English, "Q" codes and prefixes when referring to different places. Tanya, Igor's XYL made some snacks and a cake. It was the first decent food we had in Russia. Lots of wine and vodka, chases with Pepsi Cola.

There are lots of club stations. Equipment is expensive and hard to get. Technical books are scarce. There aren't any ham radio stores and their currency can't buy foreign goods. Clubs provide social contacts and a source of parts and technical information. They use what components they can "acquire" from friends and requisition from surplus factory stock.

Home-brew is the Soviet way. They really have to know their stuff, since there isn't any off-the-shelf equipment or friendly technician to help out.

I tried to talk shop but my hostess made it clear that ham radio talk was not to her liking. XYL's in the USSR have similar feelings about ham radio as do many of ours. They hate it, especially talking about it during social occasions. The guys spend more time on the radio than with XYL and the family. In addition the shack in a small apartment takes up storage space and is noisy. I can't blame them!

The hospitality of the Soviet hams was overwhelming. When it was time to leave, they rode the train to our hotel with us. The next day Igor, Nick and their XYL's took the day off from work to take us for a walking tour of Kiev.

RB5JZ drove two hours to come to Yalta to meet us. He came in with his charming 10-year-old daughter Paulina and his mother-in-law. He took us to a coffee house and then on a boat ride. Stan said he would meet us again at the airport to say good-bye. Unfortunately he had to take care of family business the day we left.

Ham radio in the USSR is used for entertainment, as a medium for learning foreign language skills and a way of "traveling" to places that are otherwise impossible. It may also serve as a birth control method as well as a hobby.

Glasnost allows many more topics to be discussed on the air including home QTH box numbers. Politics and home phone numbers are still out. They are still hesitant about asking for anything from visitors on the air and would prefer 15 meters when talking to friends. Soviet hams do not have to be party members. Military personnel must operate only at club stations. The minimum age for "novice" class is 16. Full privileges in the other classes can be obtained at the age of 18. Skills in C.W. and theory are required to move up in license class. I got the impression that power measurements permitted higher power operation. Yes, TVI is a problem, but putting up antennas on the apartment roof tops is not.

My tour to the USSR was greatly enhanced by the personal contacts ham radio offered. I learned that the younger people in the USSR are friendly and hospitable. They are much like us in many ways, but are faced a more difficult life style, with many social and economic problems, and always hunting for that rare D.X. and waiting patiently for that QSL card.

Briefly, Russia was hot, **nothing** anywhere was air conditioned except the hotel's public areas, the food was indescribable, the smog was heavy, the people in Moscow rarely smiled and there were lines a block-long for everything. There were mammoth buildings and magnificent museums and cathedrals. It was a hard trip. It made me really appreciate being in America, in a land of freedom and plenty.

NOAA W.X. BROADCASTS

For the past three months **Florida Skip** has been sending out dozens of **free** Marine W.X. SVC Charts for a SASE. We still have a good supply left. Send your SASE (self-addressed stamped envelope, 25¢) to W.X. MAP, Florida Skip, P.O. Box 501, Miami Springs, FL 33266.

One interesting thing on the MSC-5 map shows all NOAA continous local W.X. Broadcast Stations with frequencies, call signs and antenna elevation MSL.

They use the following frequencies: 162.550, 162.475 and 162.400 only scattered through Florida in major cities.

Recently members of the South Florida DX Assn. met to honor Amir 4X6TT who showed video and slides from 5W5, T2, JA and other places. Amir is wearing black coat. No other calls were given in photo. (photo via Tom Mannix WA4YLD)

The system was complete and worked well. The only problem was come Saturday night, the only night I was allowed to use the car, all of this equipment would have to be secretly loaded into the trunk. Then down the road somewhere, it would take about 20 minutes to arrange, connect and troubleshoot the system for use. However, once working I was set for a night of mobile operation, transmitter hunting or just two-way cruising.

I only encountered a problem once. We went to the service station (remember those?) for an oil change and while the car was on the rack the coax with an alligator clip was very obviously coming from a hole drilled in the underside fender well. I felt sure that my mobile operation as well as my life was over. I never will know if Daddy didn't see the wire or just ignored it for my sake.

Anyhow, that's how K4SGR operated Mobile Without Owners Permission 29 years ago.

P.S.: Should anyone have that article from QST back then I would really appreciate a copy; P.O. Box 252, Port Salerno, Florida 34992.

From Page 10
pensive radio, he can keep in touch.

This is not to say that Truk is void of amateur radio. Some dedicated and long-term operators live on Moen. Their raised three-element beam antennas tower high above the much larger number of C.B. ones.

How many of those now intralled by the simpler style radio will progress to ham radio, only time will tell. Truk, even with all of its war wrecks, is anything but stagnant and communication is playing a more and more important part in the future. Scuba divers may continue thinking that all there is to the Truk State in the Federated States of Micronesia is a bunch of sunken ships, yet for amateur radio operators who have the chance to contact the raised antennas of resident Truk hams, they will have opportunity to learn about caves and tunnels, birds and bats . . . and much, much more.

Ran Annin o Fik-me-unungat
(Good day and 73)

HUSBAND TO WIFE AFTER A FAMILY ARGUMENT: "WOULD YOU KINDLY TELL ME THE DIFFERENCE BETWEEN YOUR SAYING "I TOLD YOU SO" AND 'I'M NOT GOING TO SAY I TOLD YOU SO'?....

NOTICE NOTICE

Please check your mailing address label (top line) to know your expiration date. We WILL NOT send you a seperate expiration renewal notice anymore. Thank you for your cooperation ! ! Editor.